

confidential

Preliminary Amendment

Docket: VCOR-001/11US

- CI  
end
- (b) managing a videoconference during which the video image and spoken audio of one of said participants can be reproduced at the workstation of another of said participants; and
  - (c) at least one of the steps from the group consisting of
    - (i) storing, as a multimedia mail message, AV signals generated at the workstation of a preparing participant, and for forwarding said multimedia mail message to a receiving participant; and
    - (ii) recording the AV signals representing the video images and spoken audio of said participants during said videoconference; and
    - (iii) storing, as a multimedia mail message, data and/or AV signals generated at the workstation of a preparing participant, during said teleconference and for forwarding said multimedia mail message to a receiving participant.

#### REMARKS

This application is a divisional application under 35 U.S.C. § 121 of U.S. patent application 08/131,523. Claims 2 to 19 in this application correspond to amended versions of those in Group VIII defined by the Examiner of the parent application.

In addition, this application includes claims similar to those in PCT application PCT/US94/02961. In this PCT application the IPEA/US issued a Preliminary Examination Report indicating that all the claims lacked an inventive step under PCT Article 33(3) as being obvious over Vin et al. "Multimedia Conferencing In the Etherphone Environment and Rangan et al. "Software Architecture for Integration of Video Services in the Etherphone System."

Applicants however submit that the claims in this application are patentable over both the Vin and Rangan references.

"To establish *prima facie* obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). MPEP, 6th Edition, § 2143.03.

Neither Vin nor Rangan taken alone or together teach all the features claimed in the independent claims. Accordingly, applicants believe the independent claims to be patentable.


"If an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988)." MPEP, 6th Edition, § 2143.03. Applicants, therefore, submit the dependent claims are also patentable. A Notice to this effect is, therefore, requested.

Furthermore, should the Examiner be of the opinion that a conference will expedite the allowance of this application, please contact with the undersigned.

Respectfully submitted,

Dated:

June 7, 96

  
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Facsimile: (415) 857-0663

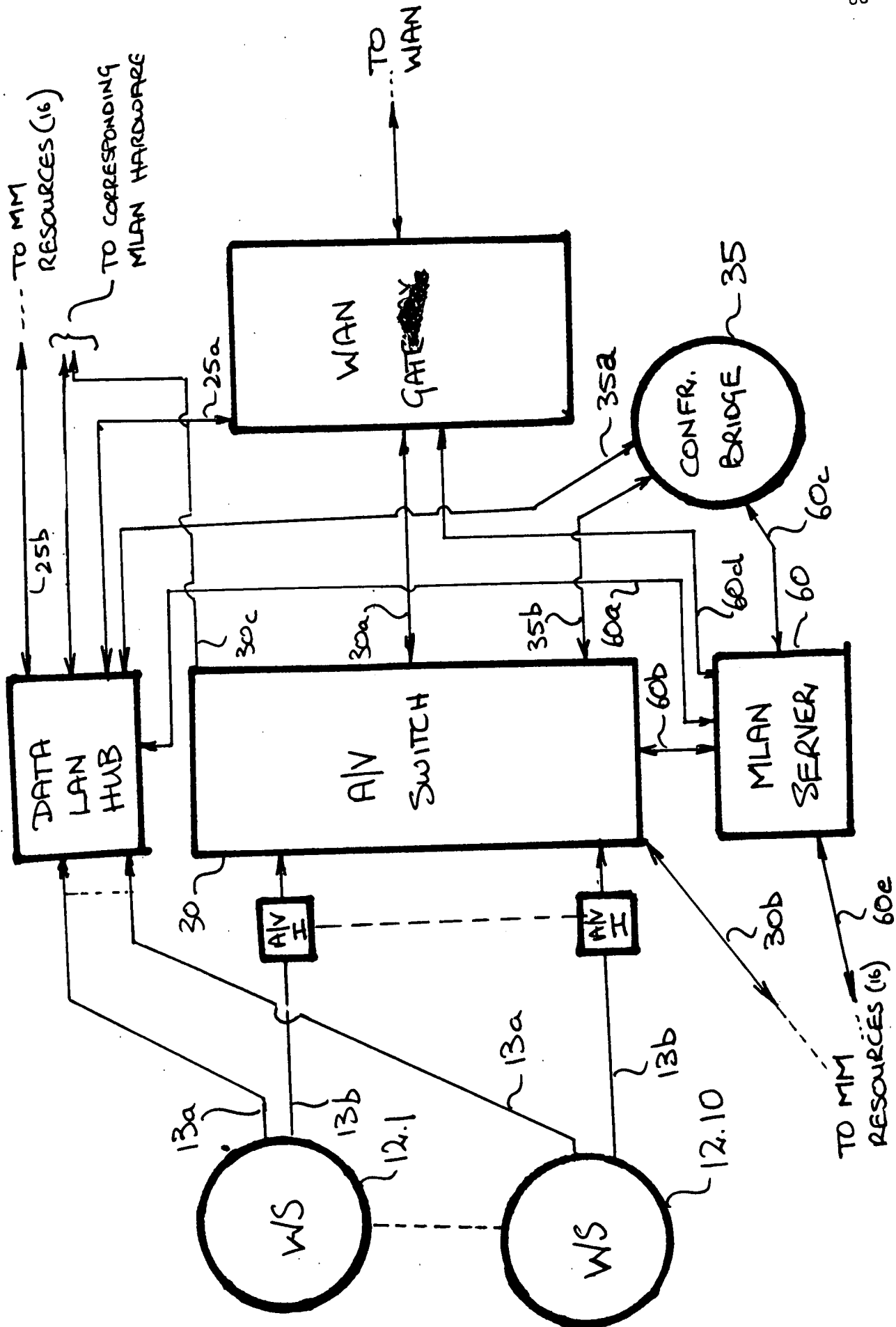


FIGURE 3

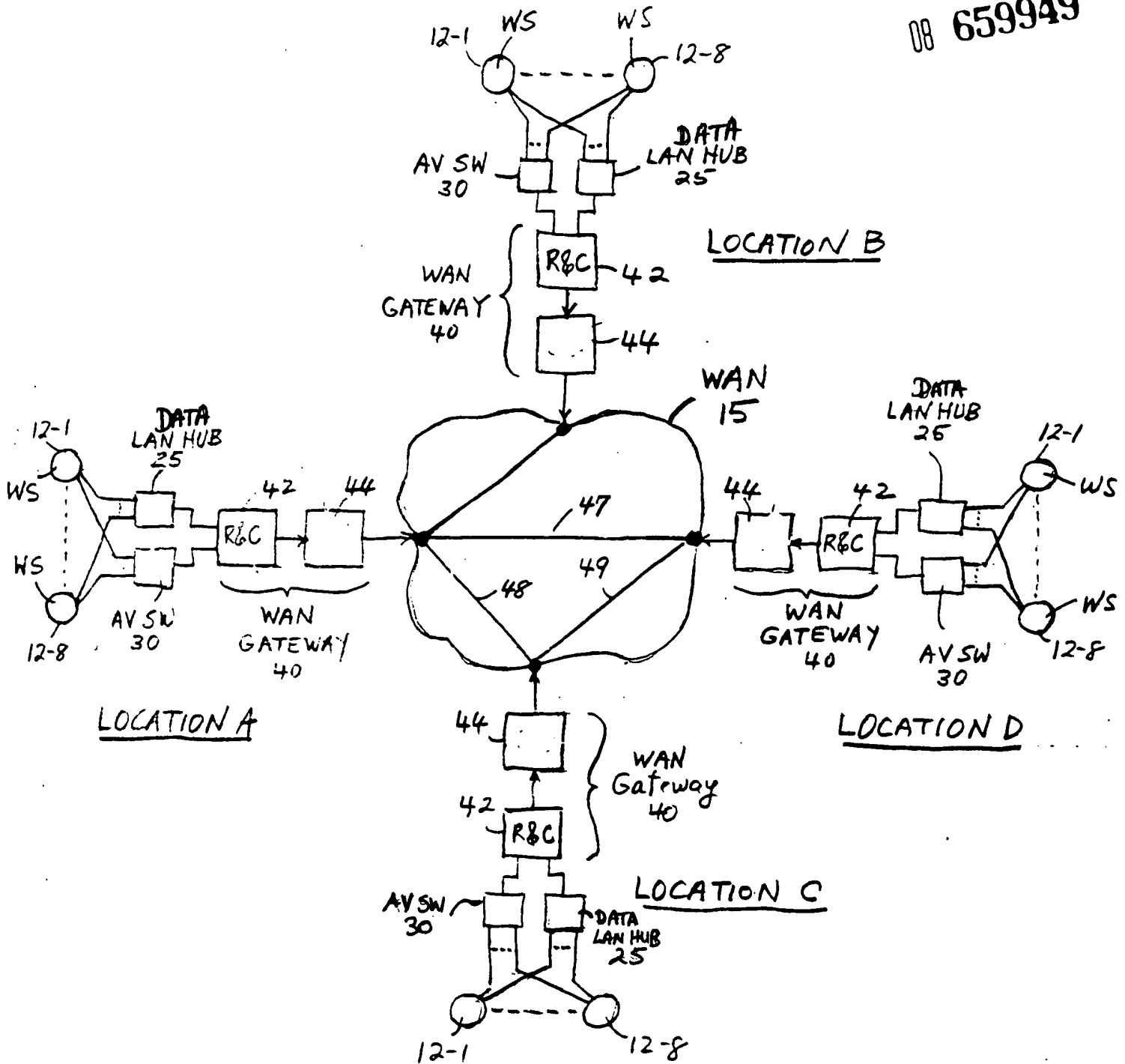
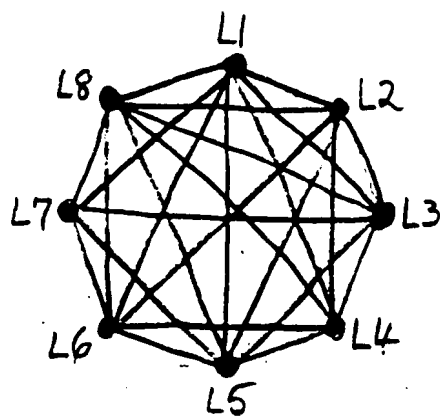
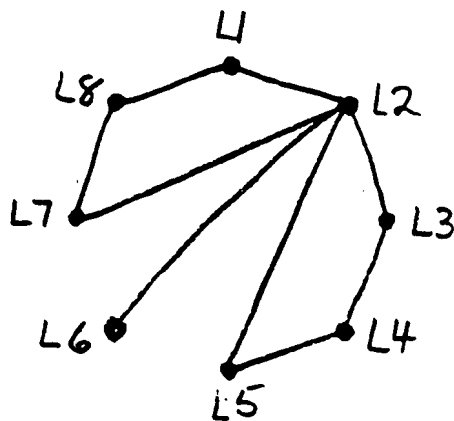


FIG. 4

FIG. 5FIG. 6

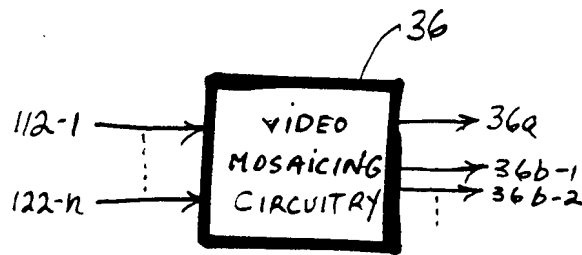


FIG. 7

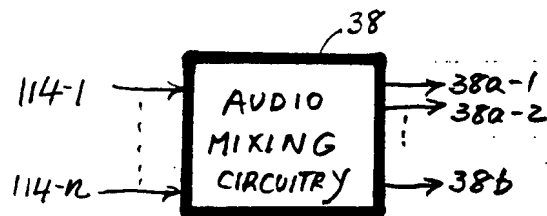


FIG. 9

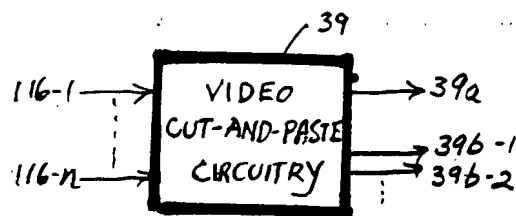


FIG. 10

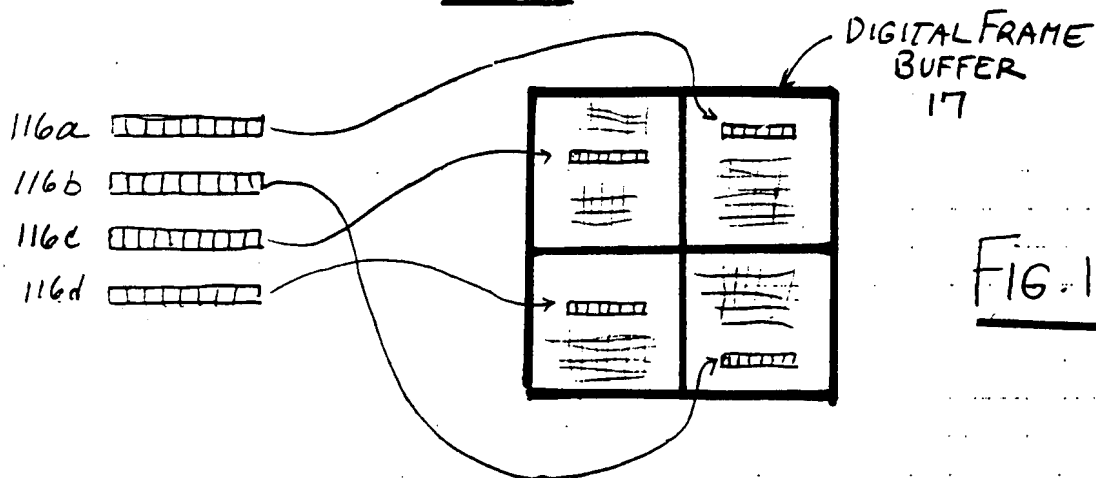
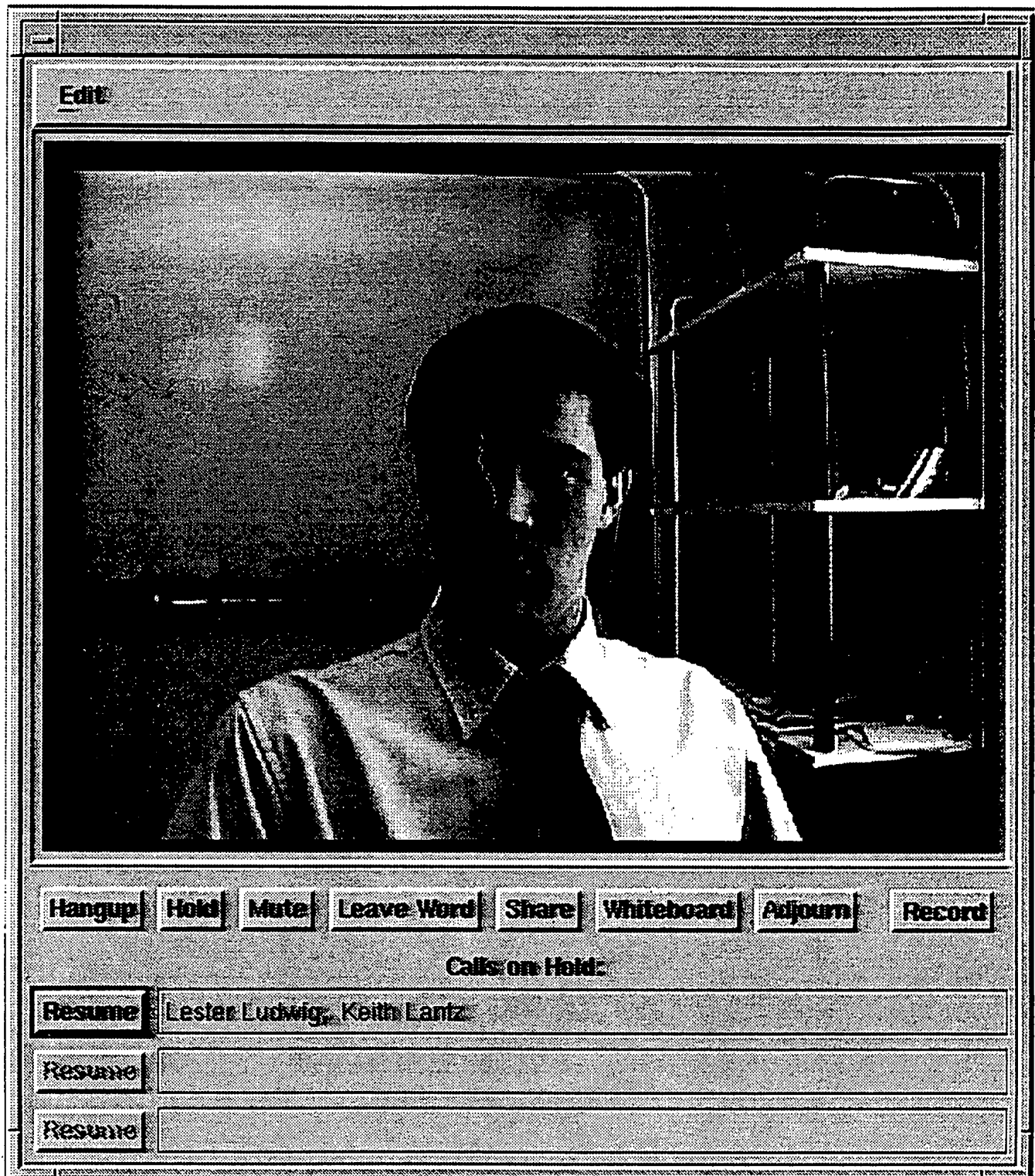


FIG. 11

Fig. 8A

**File View Options Folders Messages Scripts Help**

Current Folder: /In Box

10 messages, 9 unread

Compose

File to: Other Folder

Reply: Author

Read Unread

Trash

U	Answers	Dec-91	<No Subject>
U <td>Answers <th>Dec-91</th> <th>Final report</th> </td>	Answers <th>Dec-91</th> <th>Final report</th>	Dec-91	Final report

U	Daniel I. Appleb	Aug-92	World Income Fund; New Possibilities
U	Keith Lantz	26-Oct	ACME and Palme-Member
U	Demo Heister	18-Dec	100,000 bushels of OJM at 15-25 premium.
U	Jennifer Steel	02-Feb	Apologies
U	Murray Demo	24-May	European FX fluctuations
U	Mark Van Note	10-Aug	Variable Life Insurance
U	Jennifer Steel	20-Aug	Atherton selection

**Subject:** meteor measurement tool

**From:** **Lester Ludwig <lln>**

Date: Tue May 19 18:41:36 1992

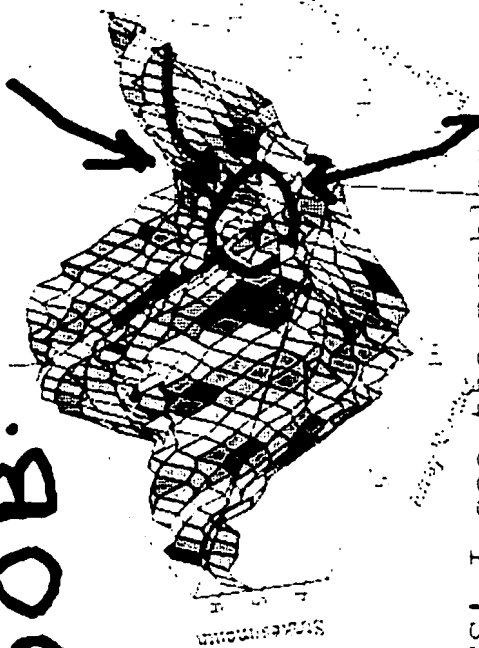
**To: lawyers**

**Vicar Video Enclosure  
(Press Right Mouse Button for Options)**

Share: still

Add	Save	Load	Print	Text	Clear	Grab	Regrab	Quit
-----	------	------	-------	------	-------	------	--------	------

LOOK AT THIS DATA!



• YES! I see the problem

Tom (inner)  
Huh! Huh!

## Video Phone

Rewind | Size: 0:54 min.

**Paused**

Figure 2B



Edit



Call from David H. Applebaum

Accept

Refuse

Add

How call

Detail - Grumman Systems Support Corporation (copy)

Edit

Name: Grumman Systems Support Corporation (copy)

Work Phone: 800-876-9130

Home Phone:

Company:

Work Address: 5627 Stoneridge Drive, Suite 310  
Pleasanton, CA 94568

Home Address:

Remarks:

Date Updated: Mon Sep 28 14:00:32 1992

Sun maintenance

Tom Garner

File Edit Permission

Search: by Name and Company

List of 23 rolodex entries:

Fry's (copy)

1 SSI Gary Krauen

Grumman Systems Support Corp

Highland Digital

Milou Technology Corp. (copy)

List of 1 selected entries:

Grumman Systems Support Corp

Call

Add

Mail

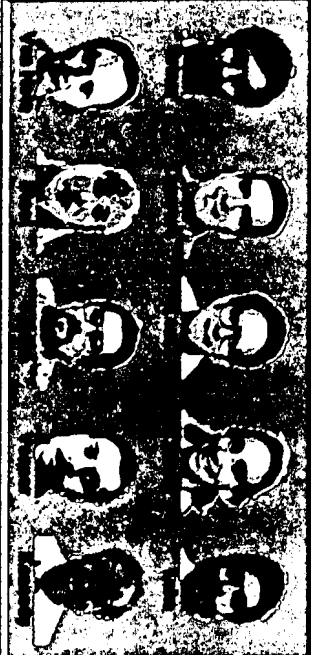
Share

Whiteboard

Details

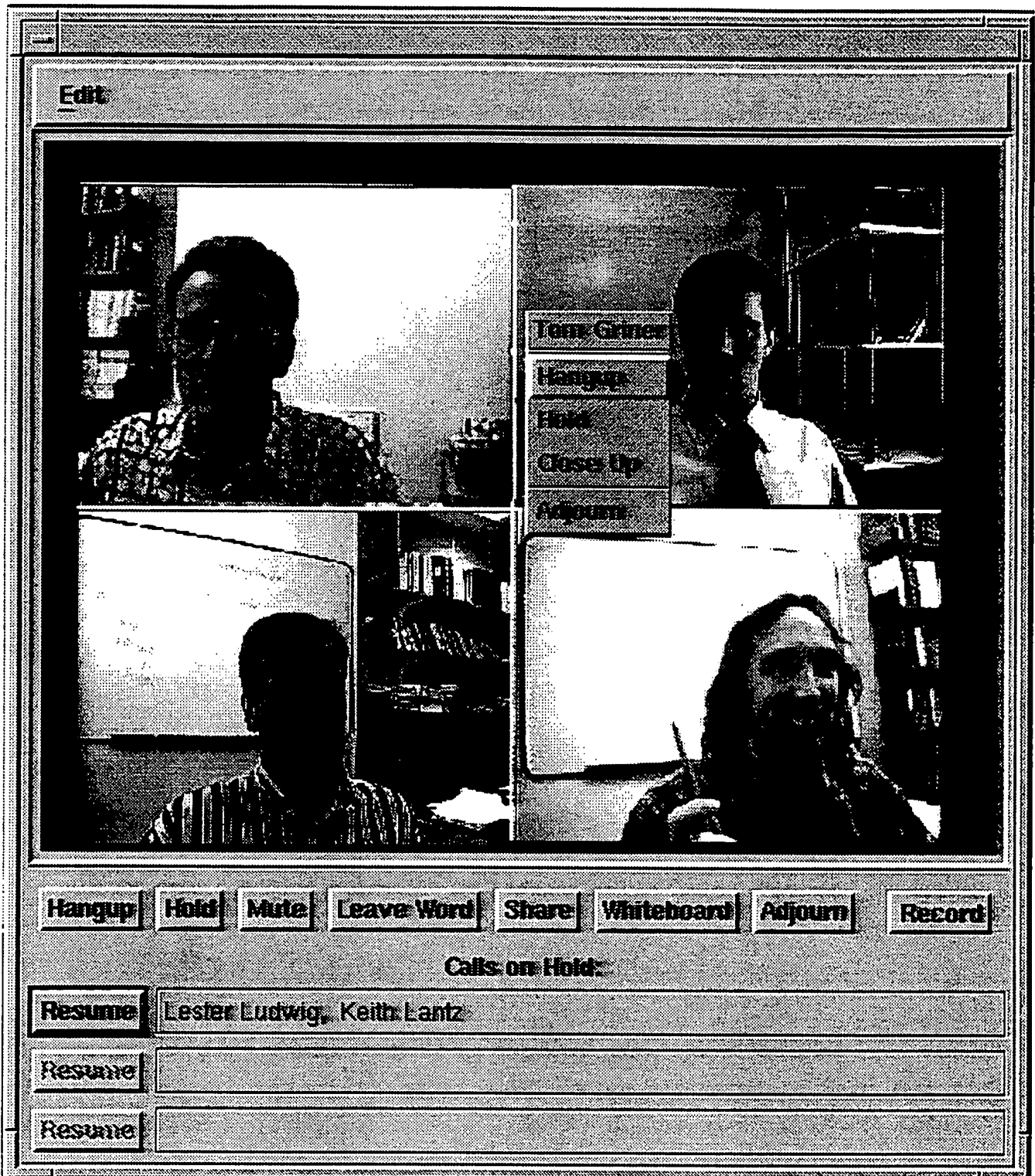
Video Phone

File Edit System

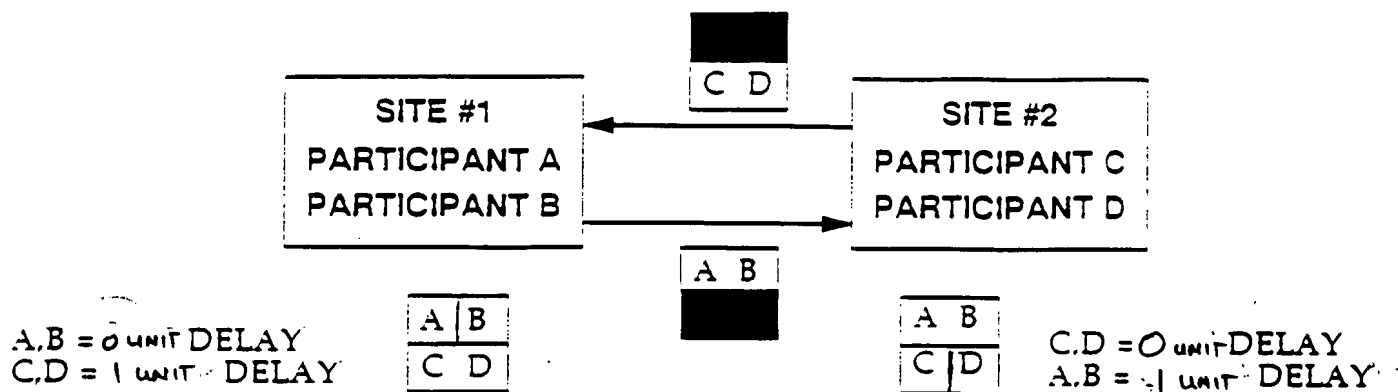
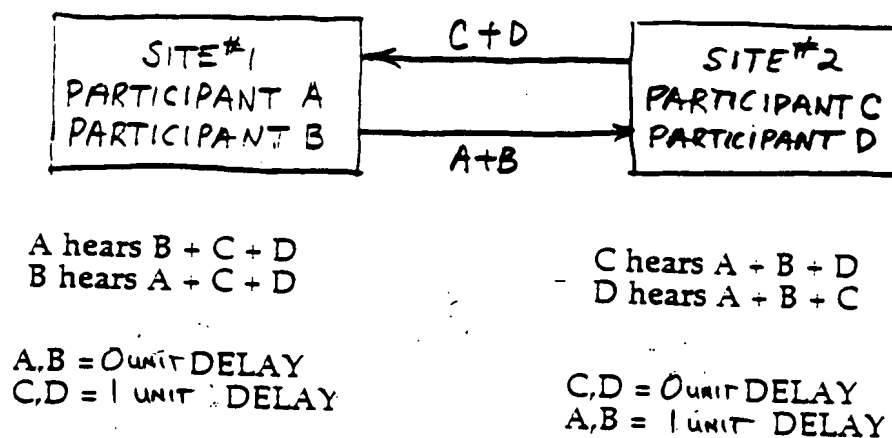


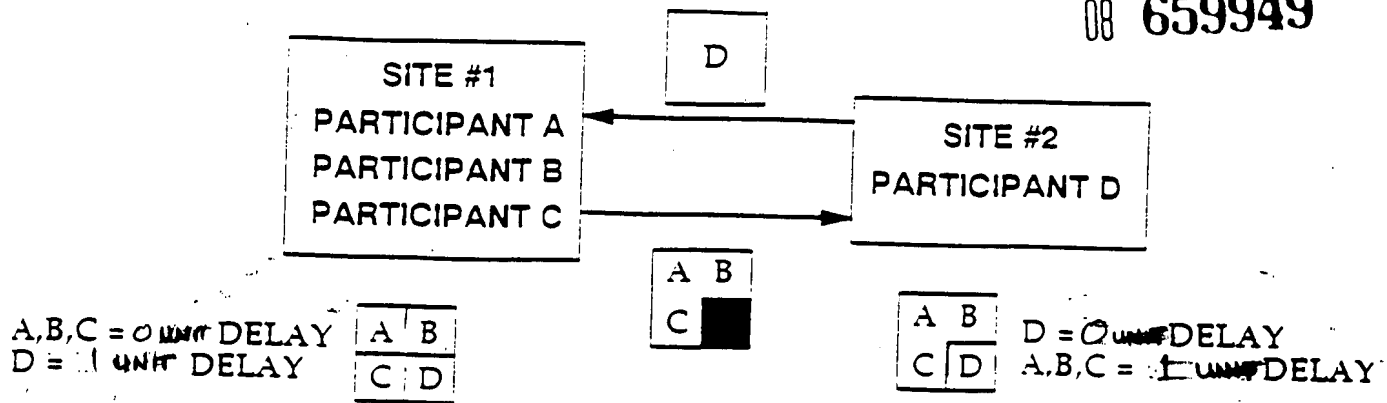
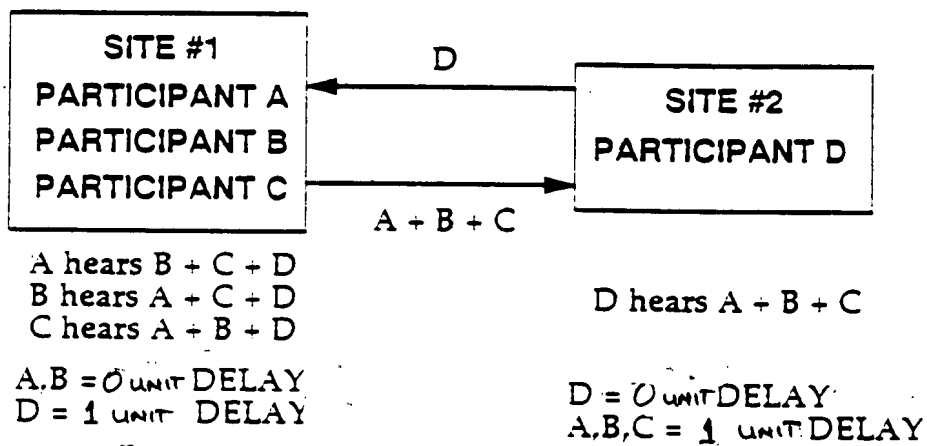
File Edit System Whiteboard Messages Telephone

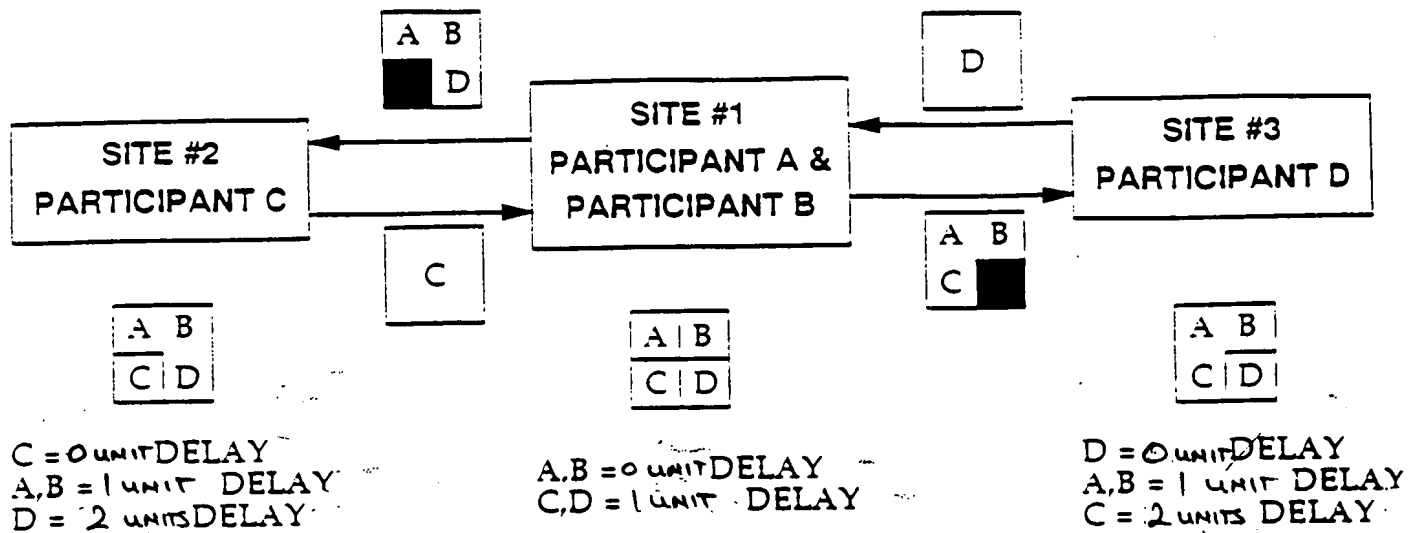
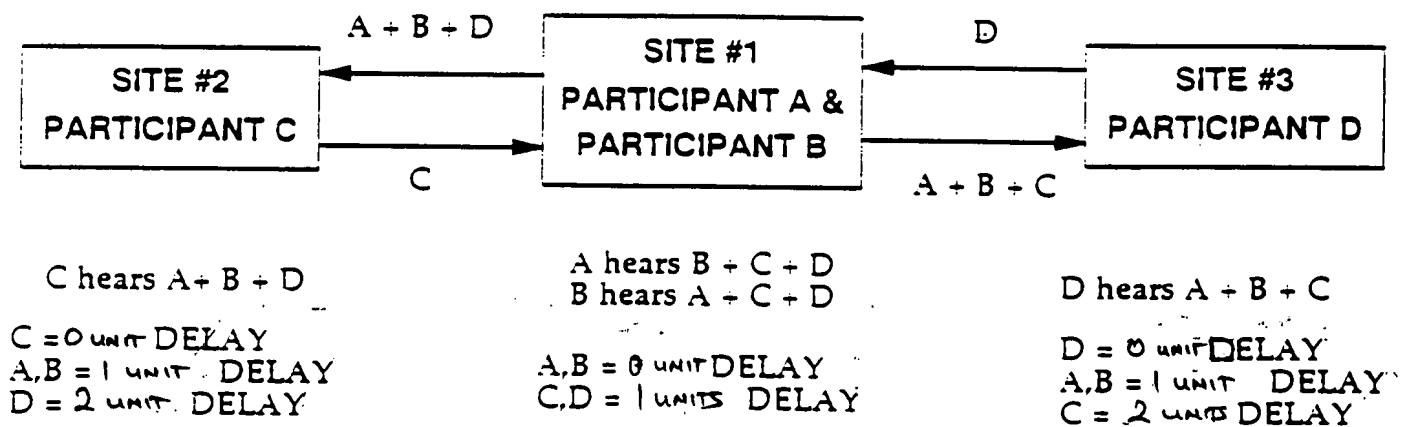
Figure 2A

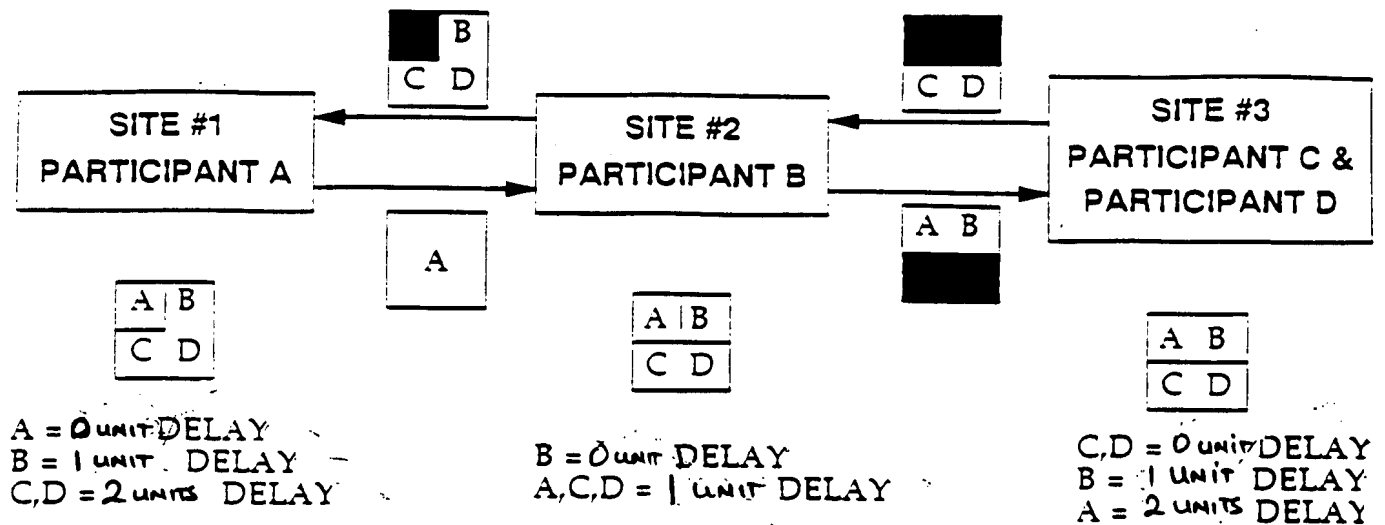
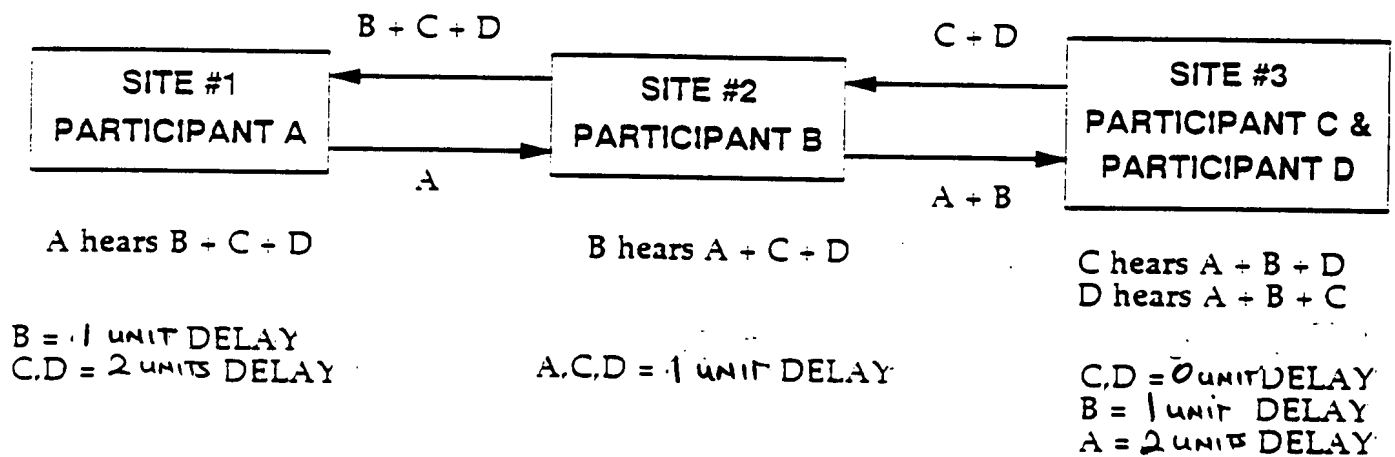
Fig 8B

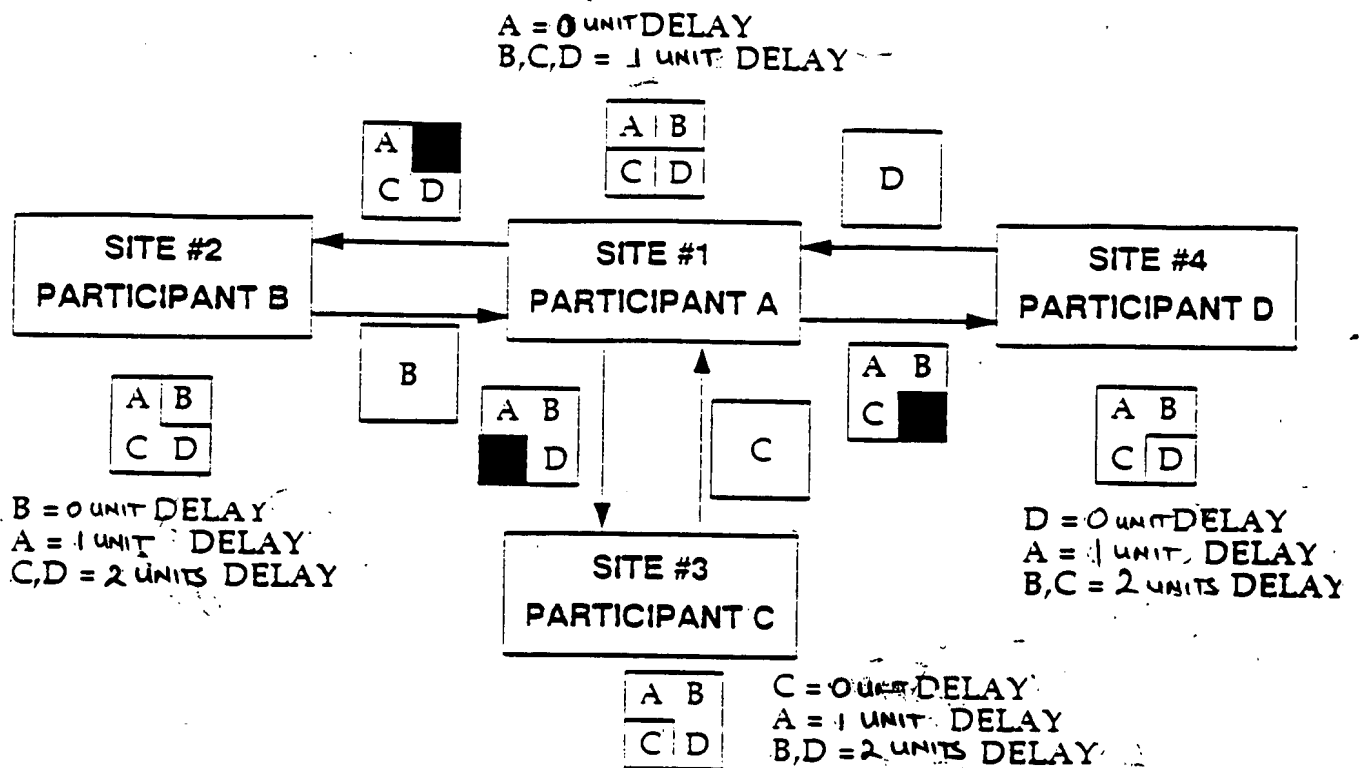
The screenshot displays a Windows 95 desktop environment. The primary window is a video conference titled "Collaboration Initiator," which is divided into eight smaller video feeds showing participants: Keith Lantz, Leslie Ludwig, and several others. Below the video feeds is a control bar with buttons for "Hangup," "Hold," "Mute," "Leave Word," "Share," "Whiteboard," and "Resume." A status bar at the bottom of the window indicates "Calls on Hold: Leslie Ludwig, Keith Lantz." The taskbar at the bottom contains icons for "TLC," "VINGZ," "Calculator," "AV," "VideoPhone," "VPhone-Test," "Printer," "ColorPrint," "Print," "Editor," "VCR," "maker," and "SunPC." The system tray on the right shows a clock set to 1:52 PM and a network status icon.

FIGURE 12AFIGURE 12B

FIGURE 13AFIGURE 13B

FIGURE 14AFIGURE 14B

FIGURE 15AFIGURE 15B

FIGURE 16



A = 0 UNIT DELAY  
 B = 1 UNIT DELAY  
 C = 2 UNITS DELAY  
 D = 3 UNITS DELAY

B = 0 UNIT DELAY  
 A, C = 1 UNIT DELAY  
 D = 2 UNIT DELAY

C = 0 UNIT DELAY  
 B, D = 1 UNIT DELAY  
 A = 2 UNITS DELAY

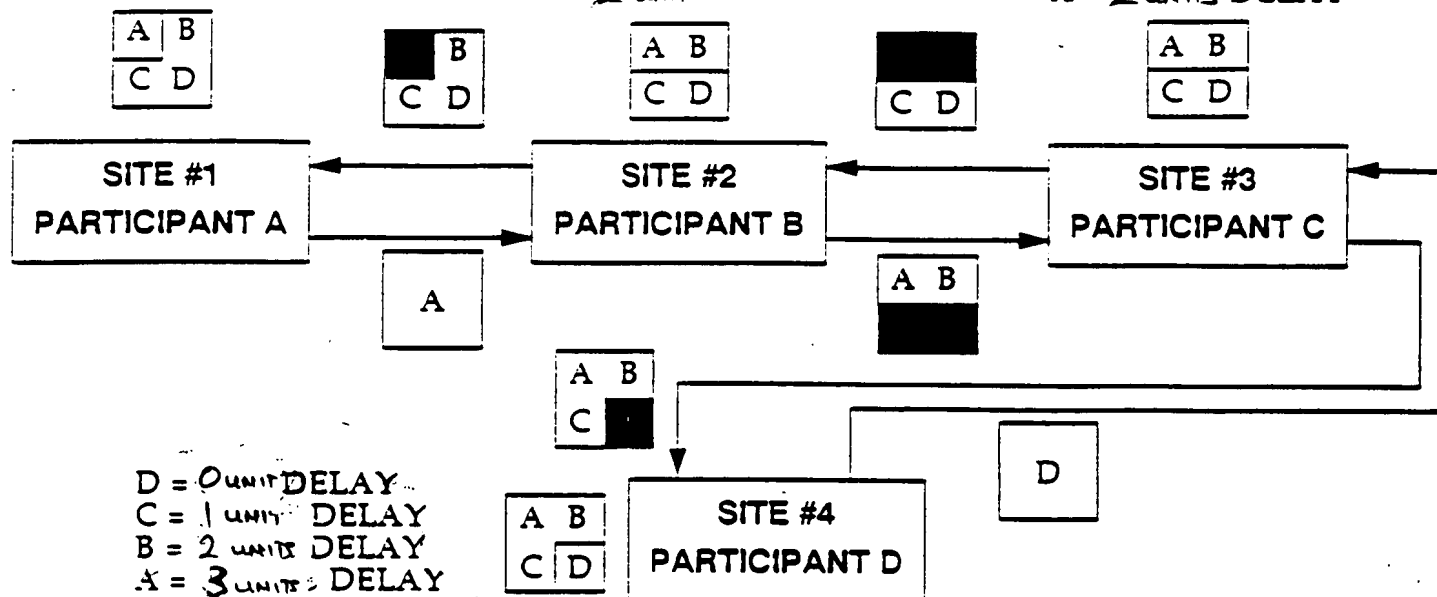


FIGURE 17A

A = 0 UNIT DELAY  
 B = 1 UNIT DELAY  
 C = 2 UNITS DELAY  
 D = 3 UNITS DELAY

B = 0 UNIT DELAY  
 A, C = 1 UNIT DELAY  
 D = 2 UNITS DELAY

C = 0 UNIT DELAY  
 B, D = 1 UNIT DELAY  
 A = 2 UNITS DELAY

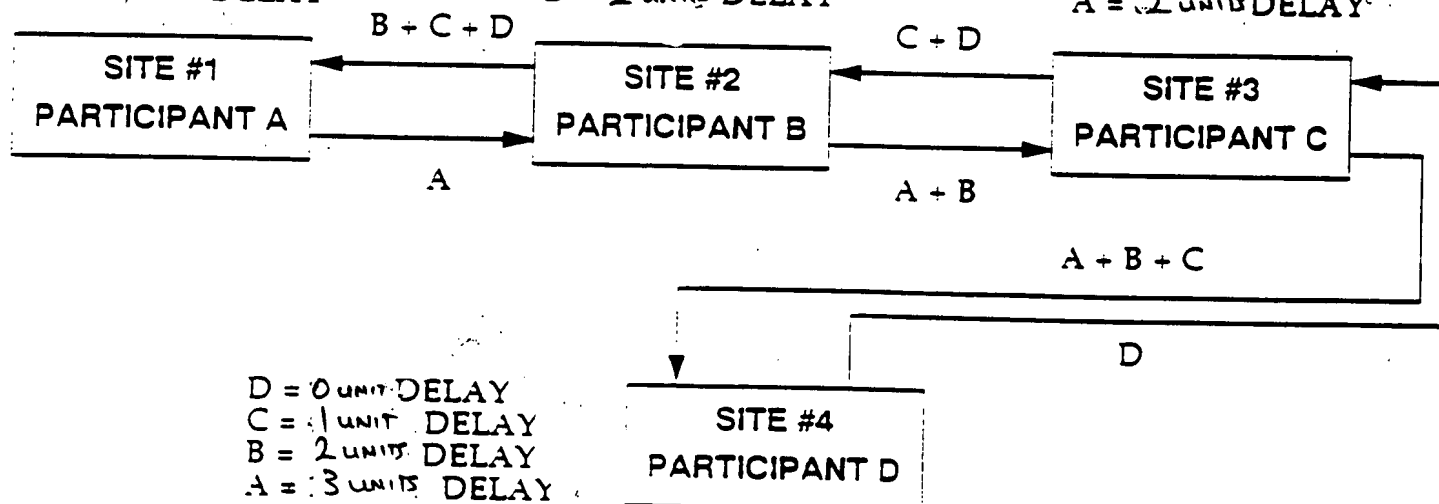


FIGURE 17B

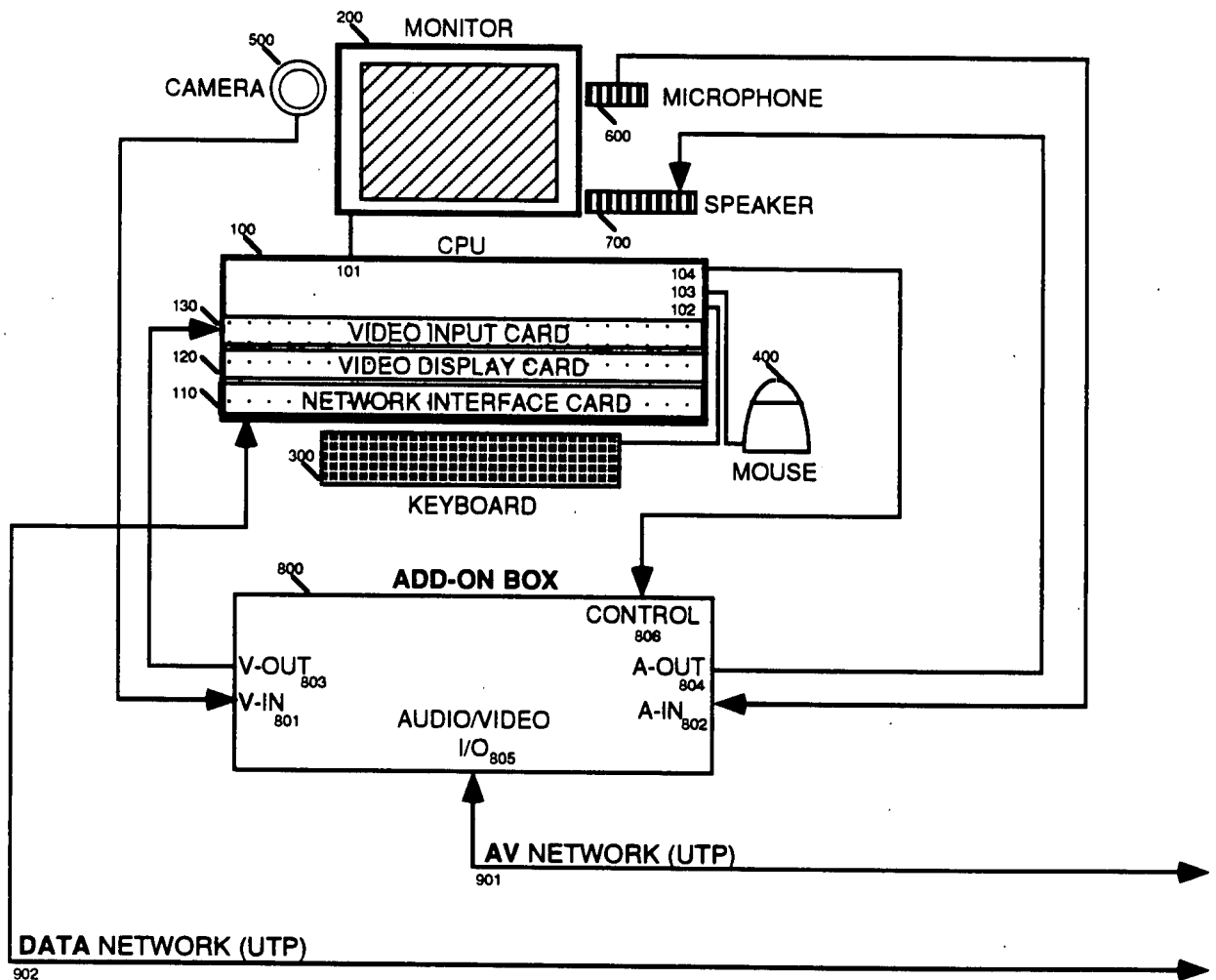


Fig. 18A

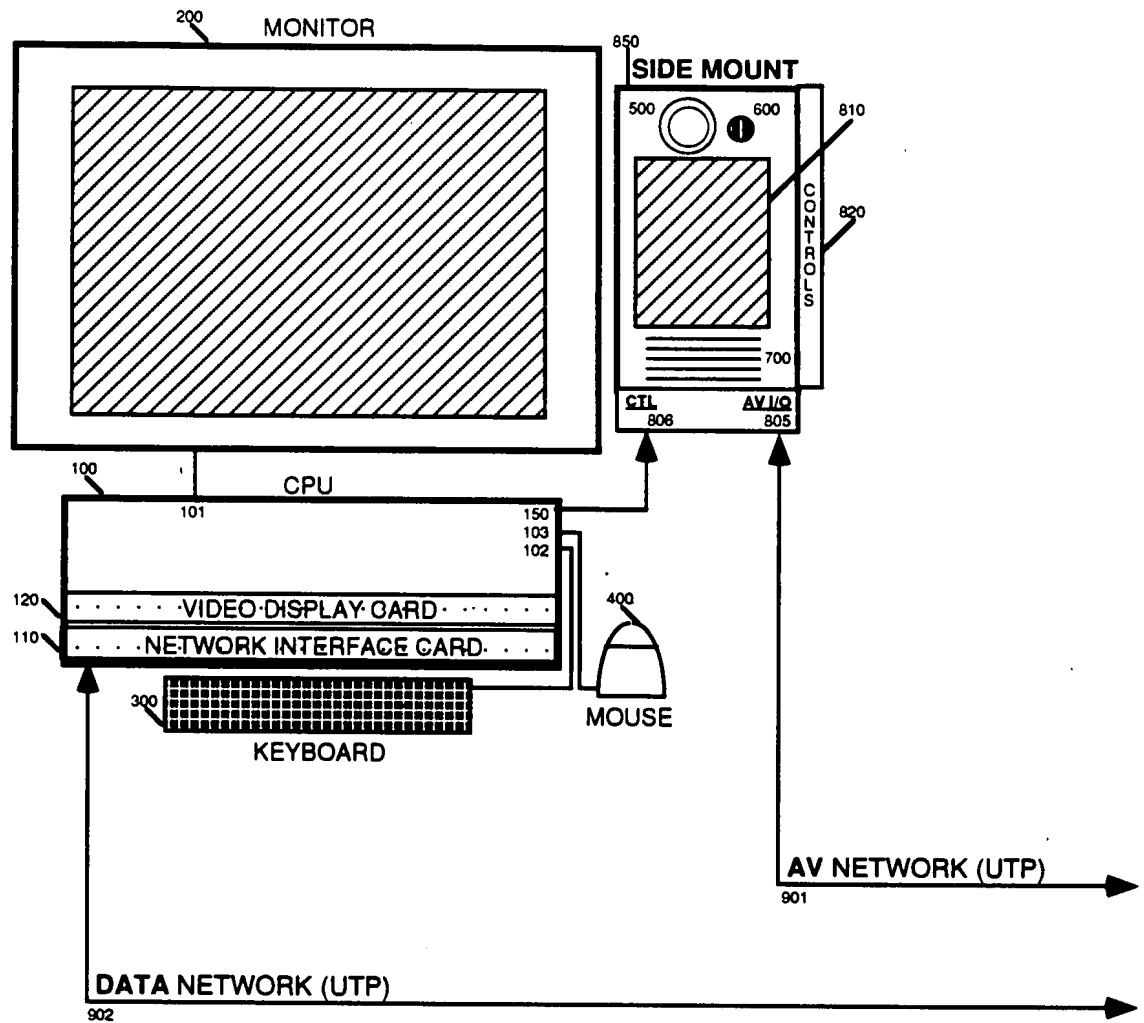


Fig. 18B

## ADD-ON BOX

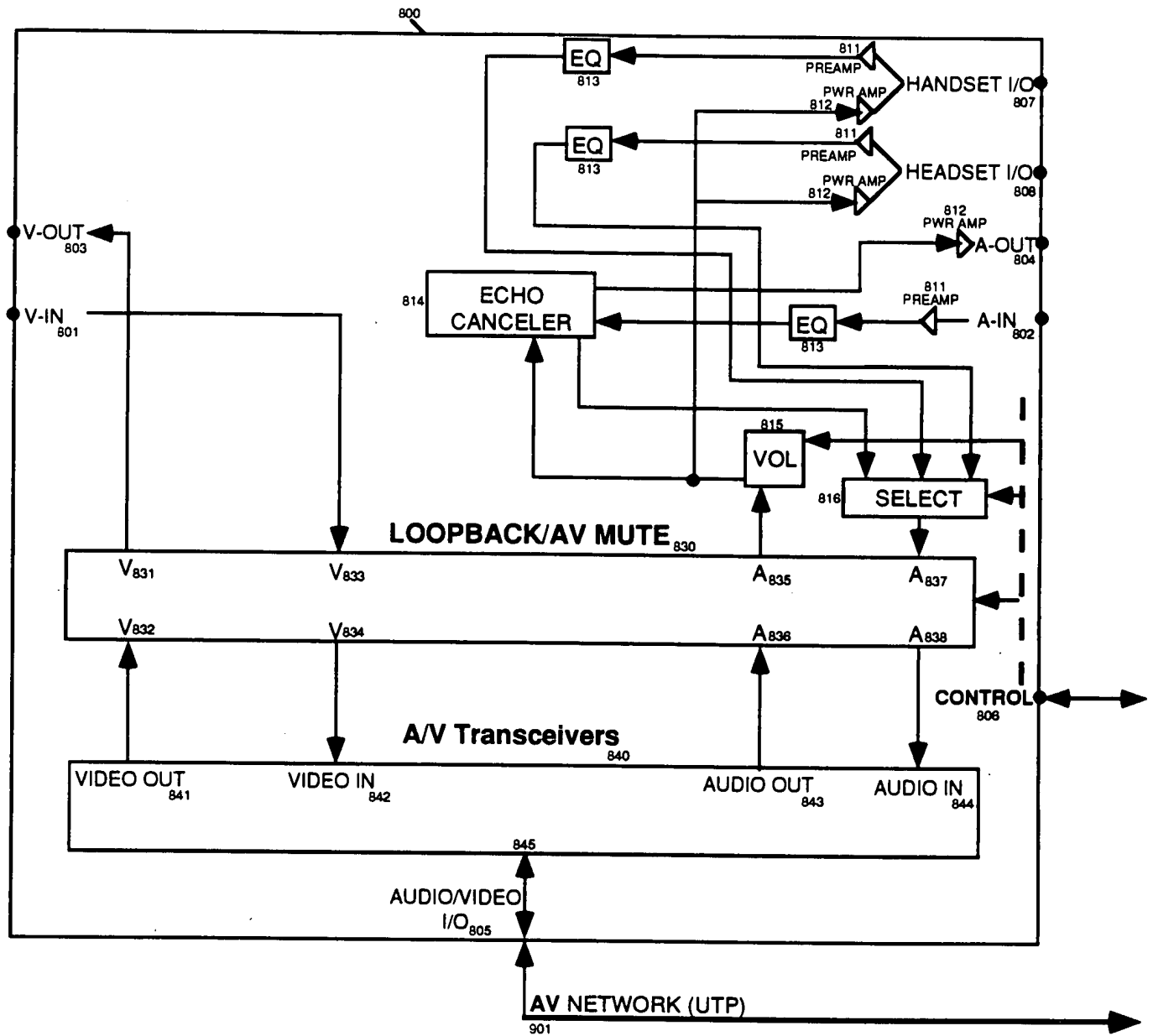


Fig. 19

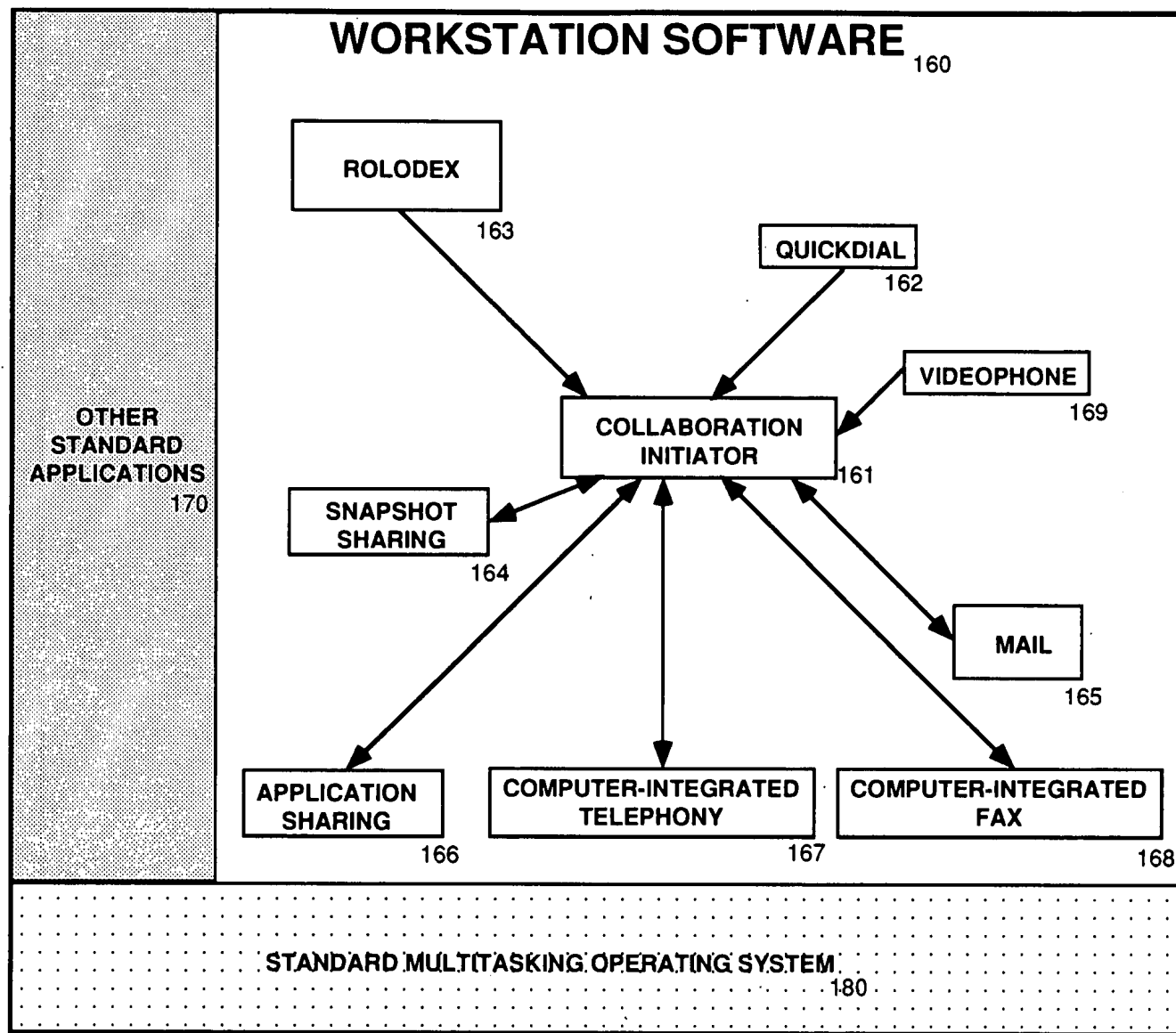


Fig. 20

MLAN SERVER 08 659949  
SOFTWARE MODULES  
62

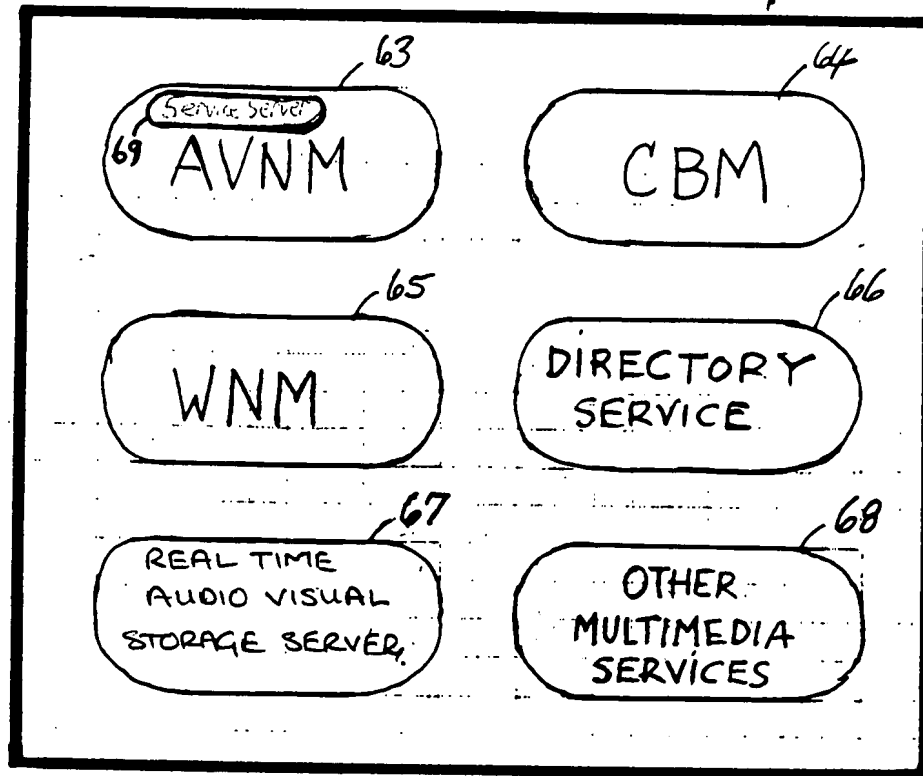


FIG. 21

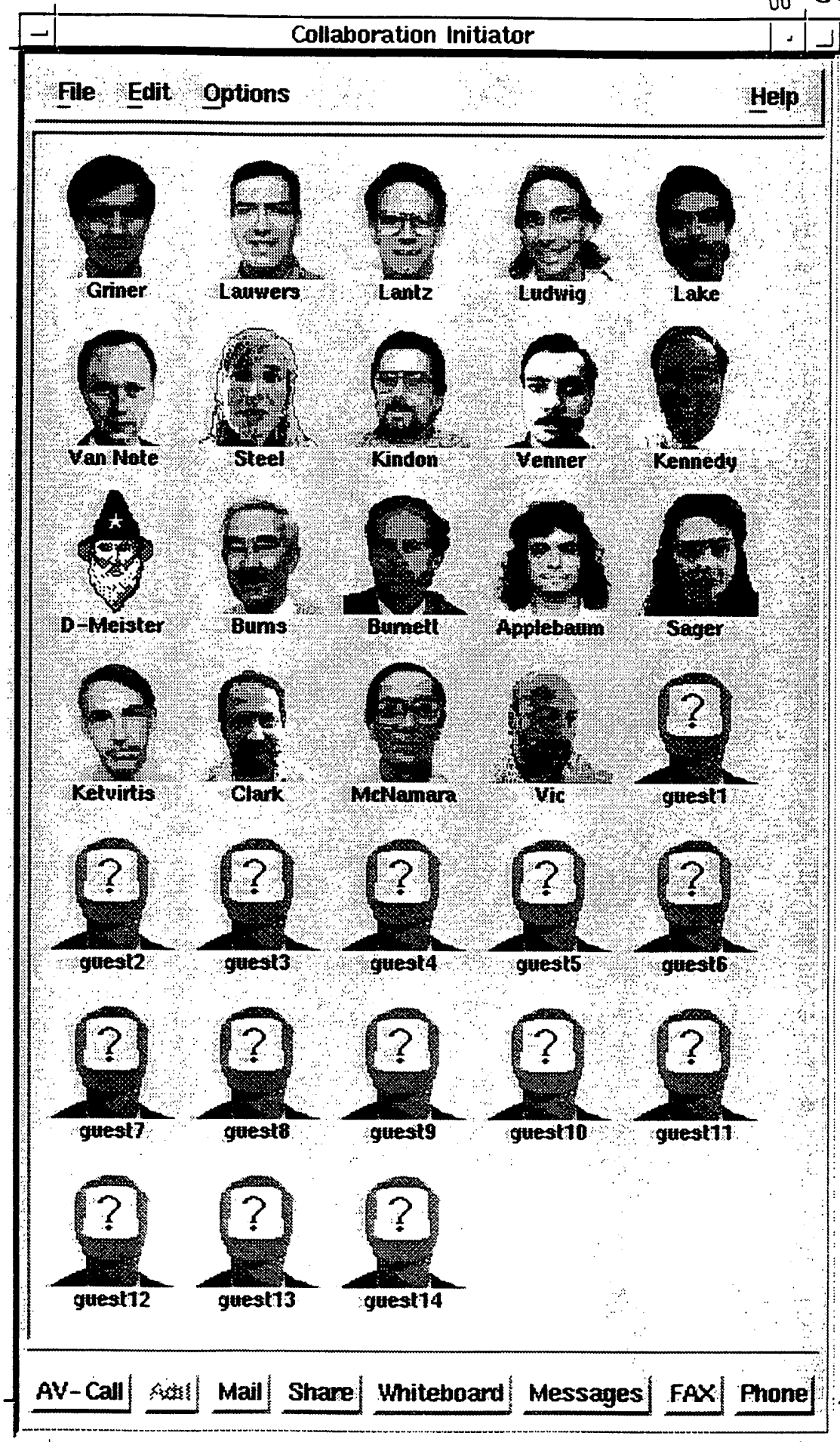


FIG 22

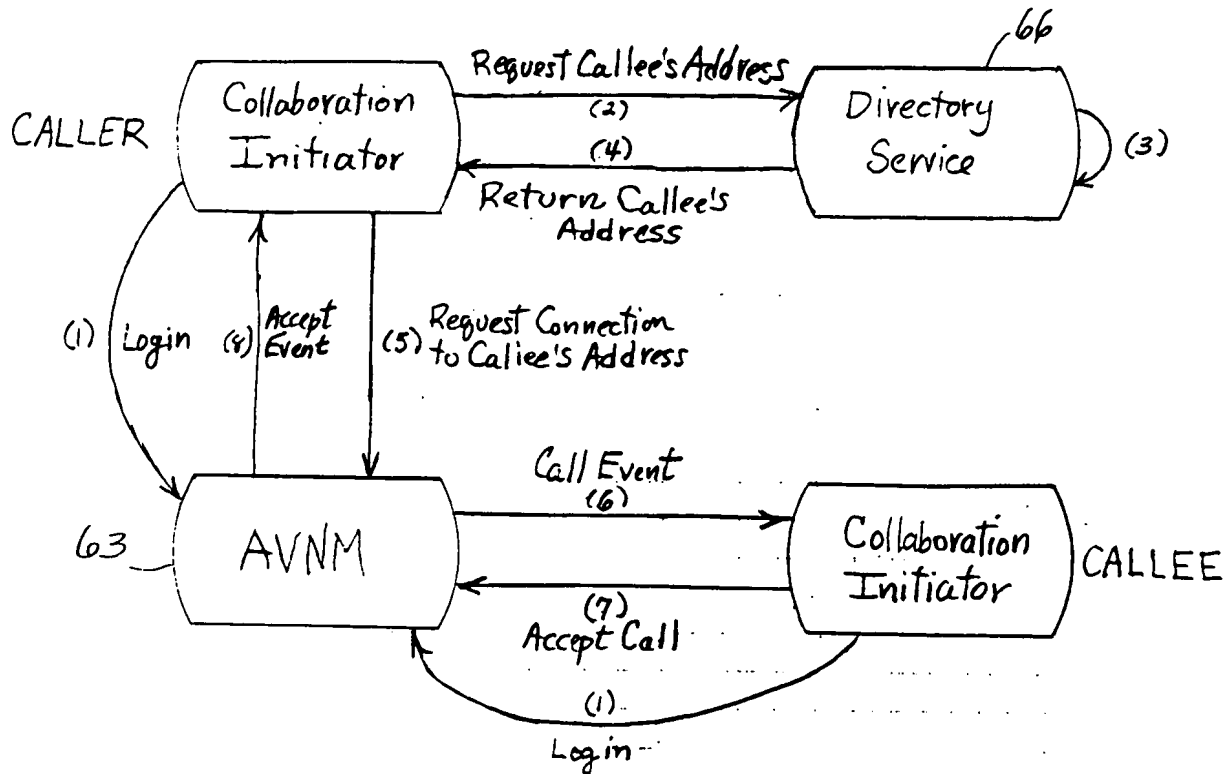


FIG. 23

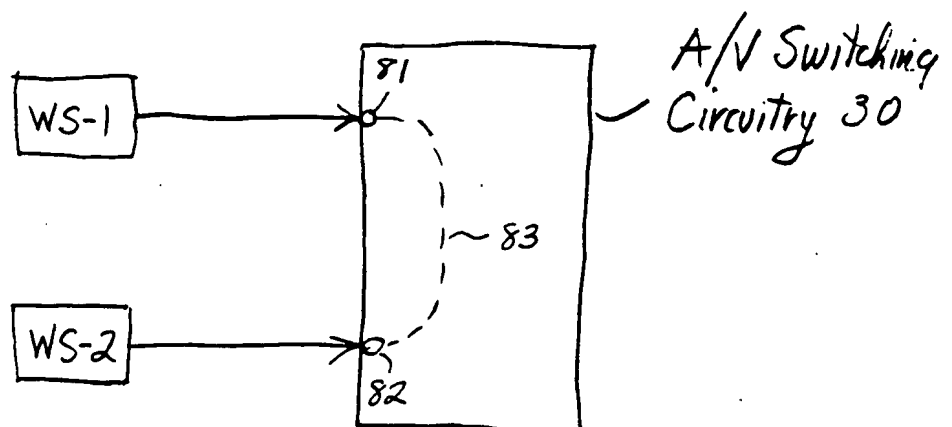


FIG. 24



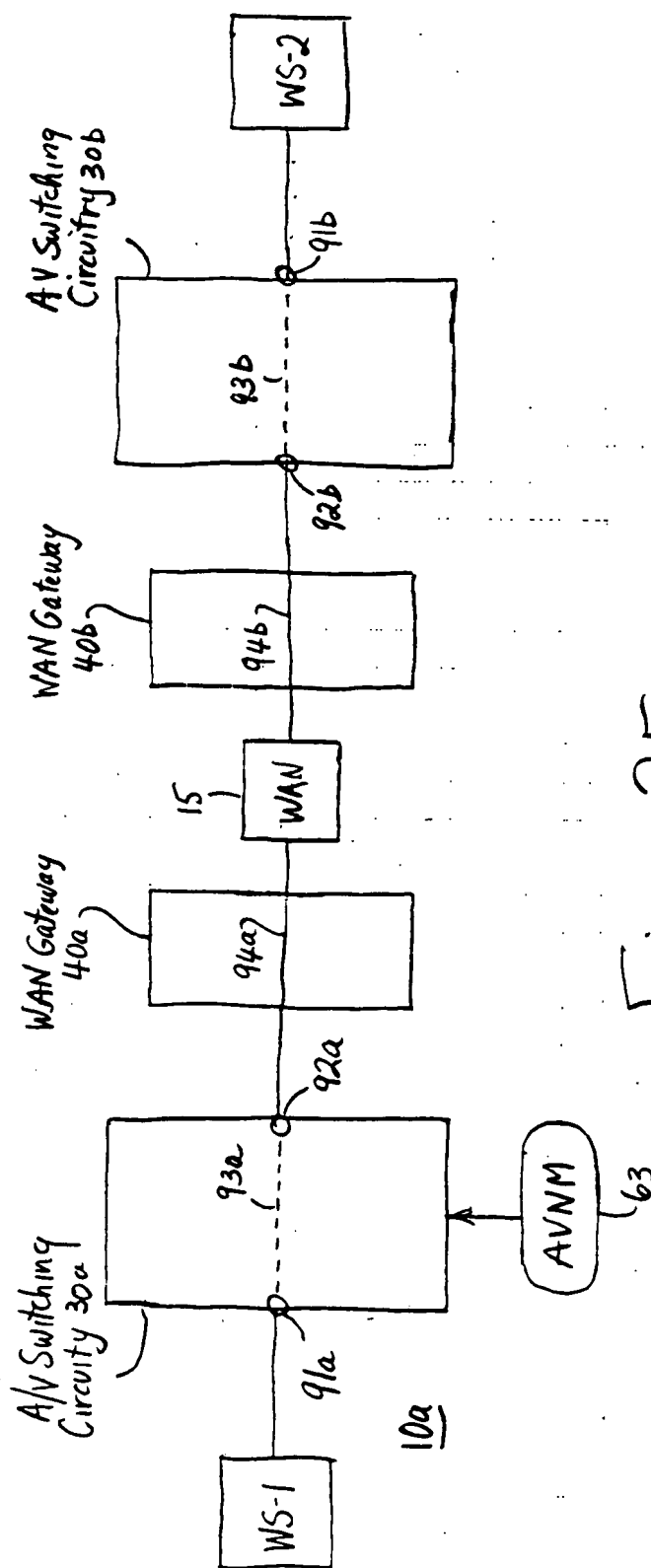
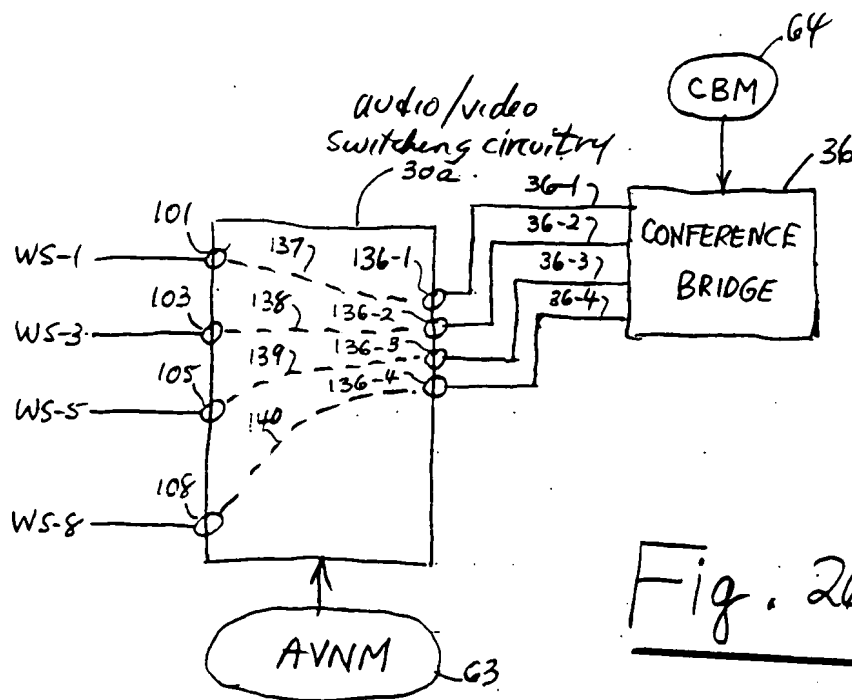


Fig. 25



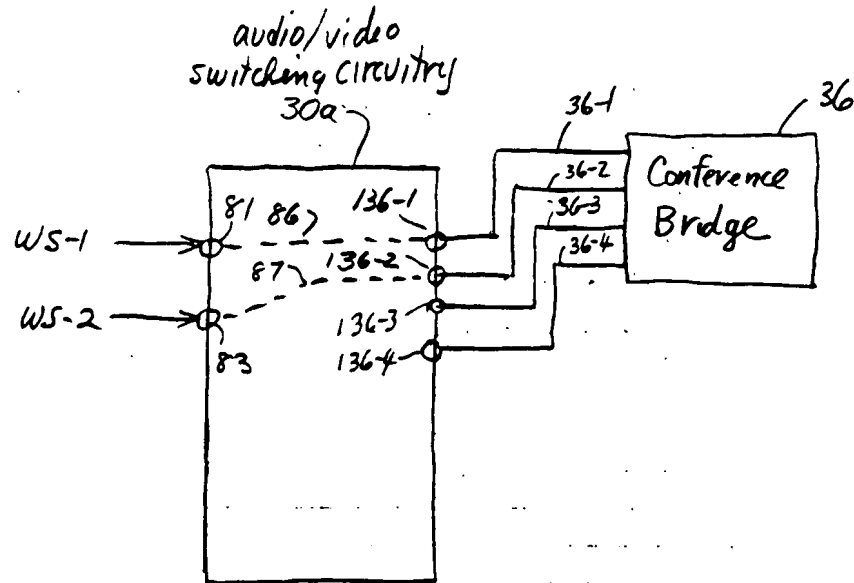
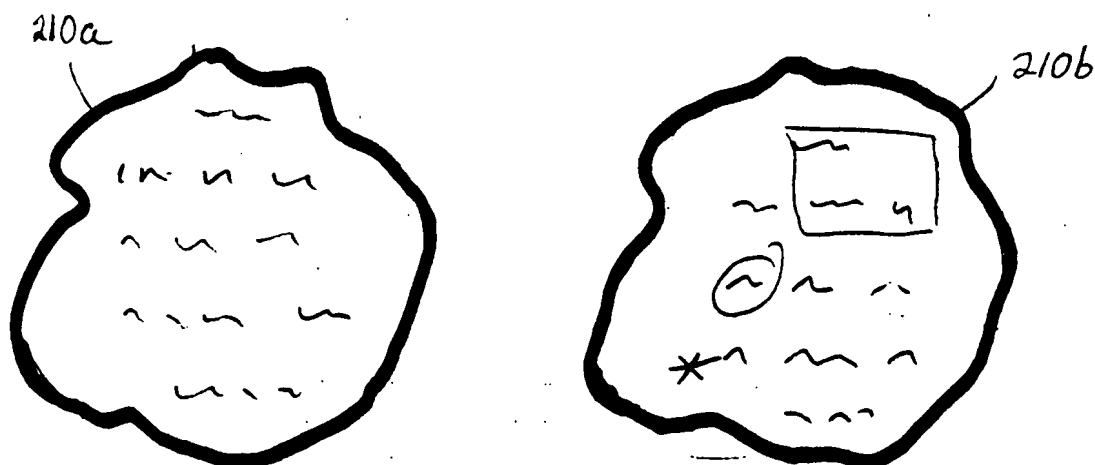
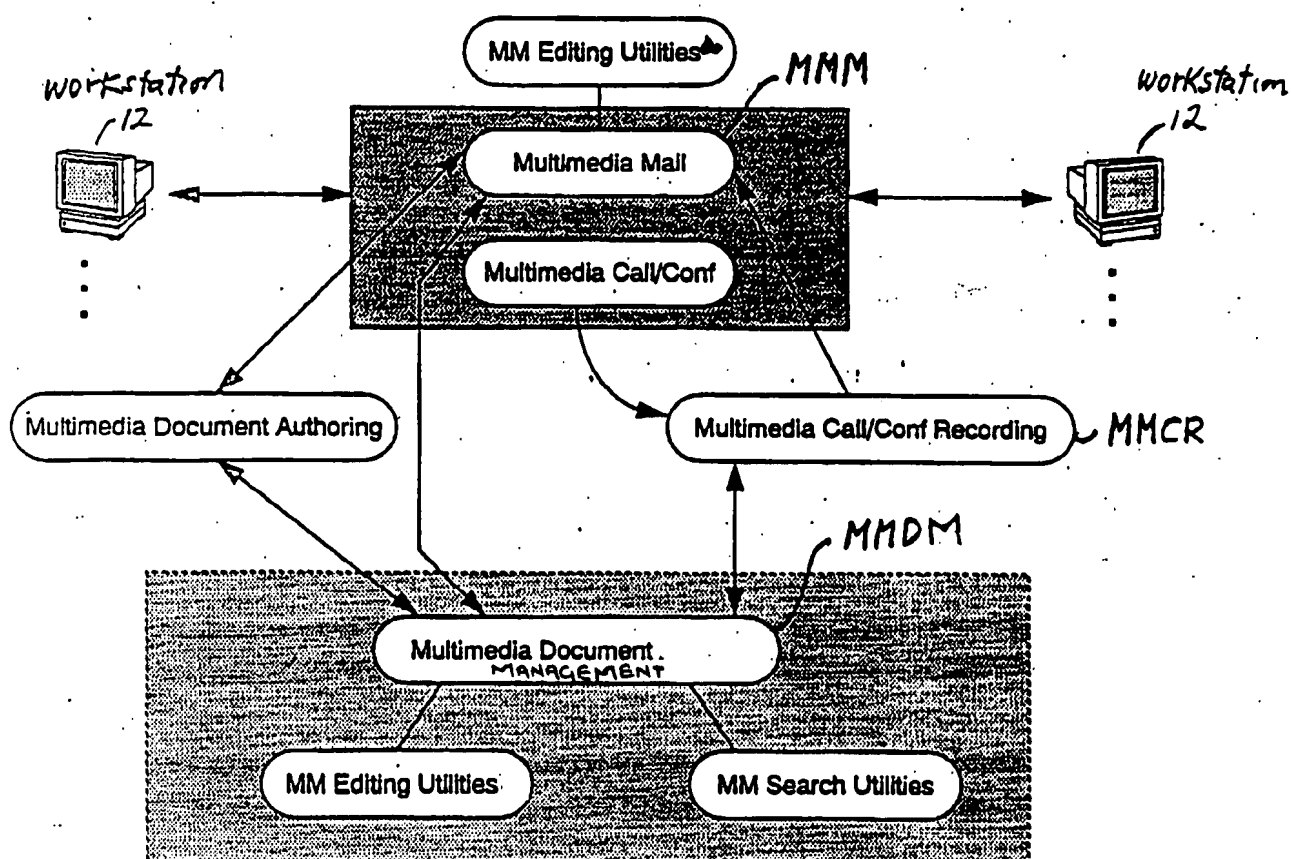
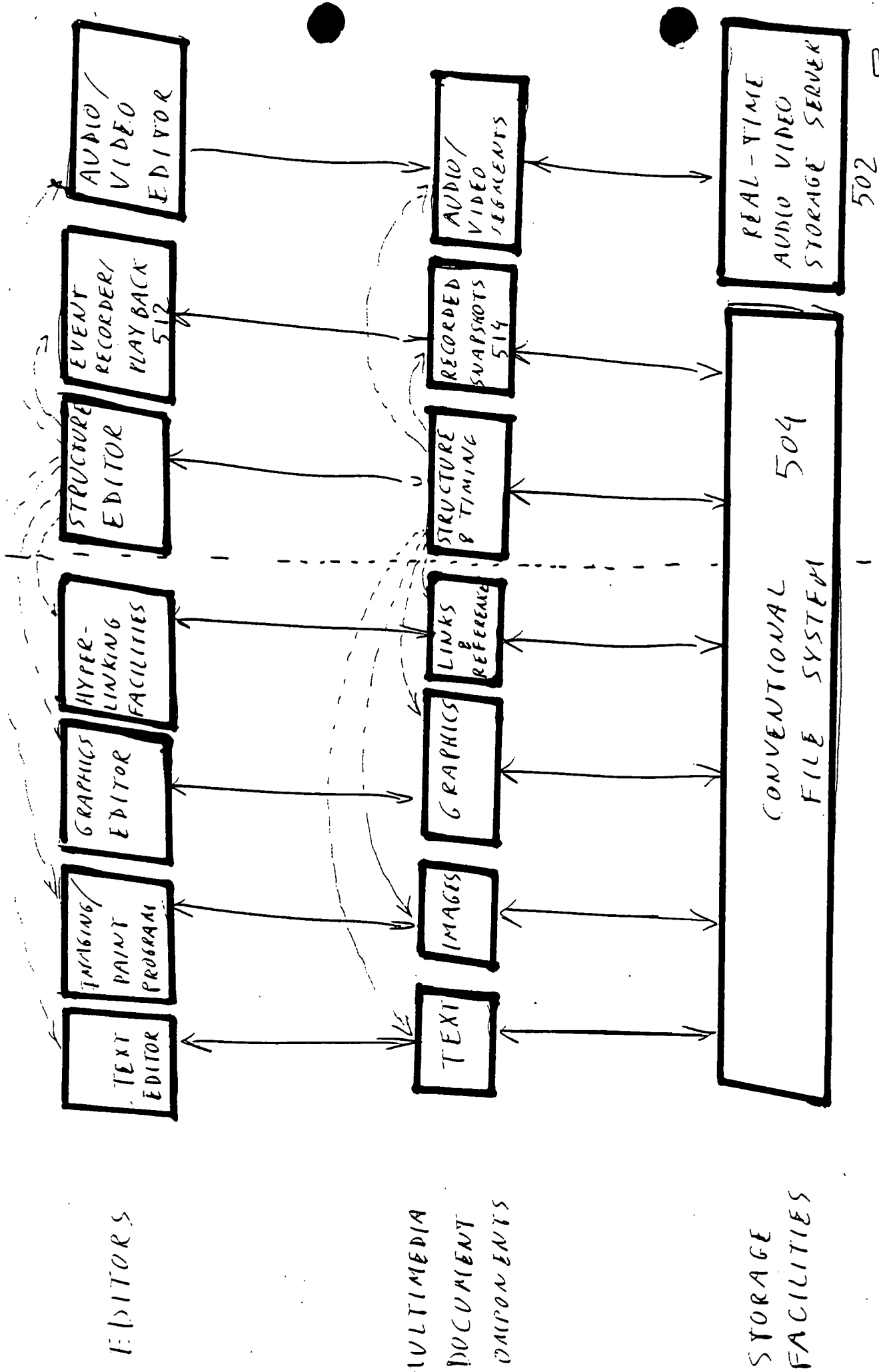


Fig. 27

FIGURE 28FIGURE 29



TIME-DEPENDENT MEDIA

TIME-INSENSITIVE MEDIA

Figure 30

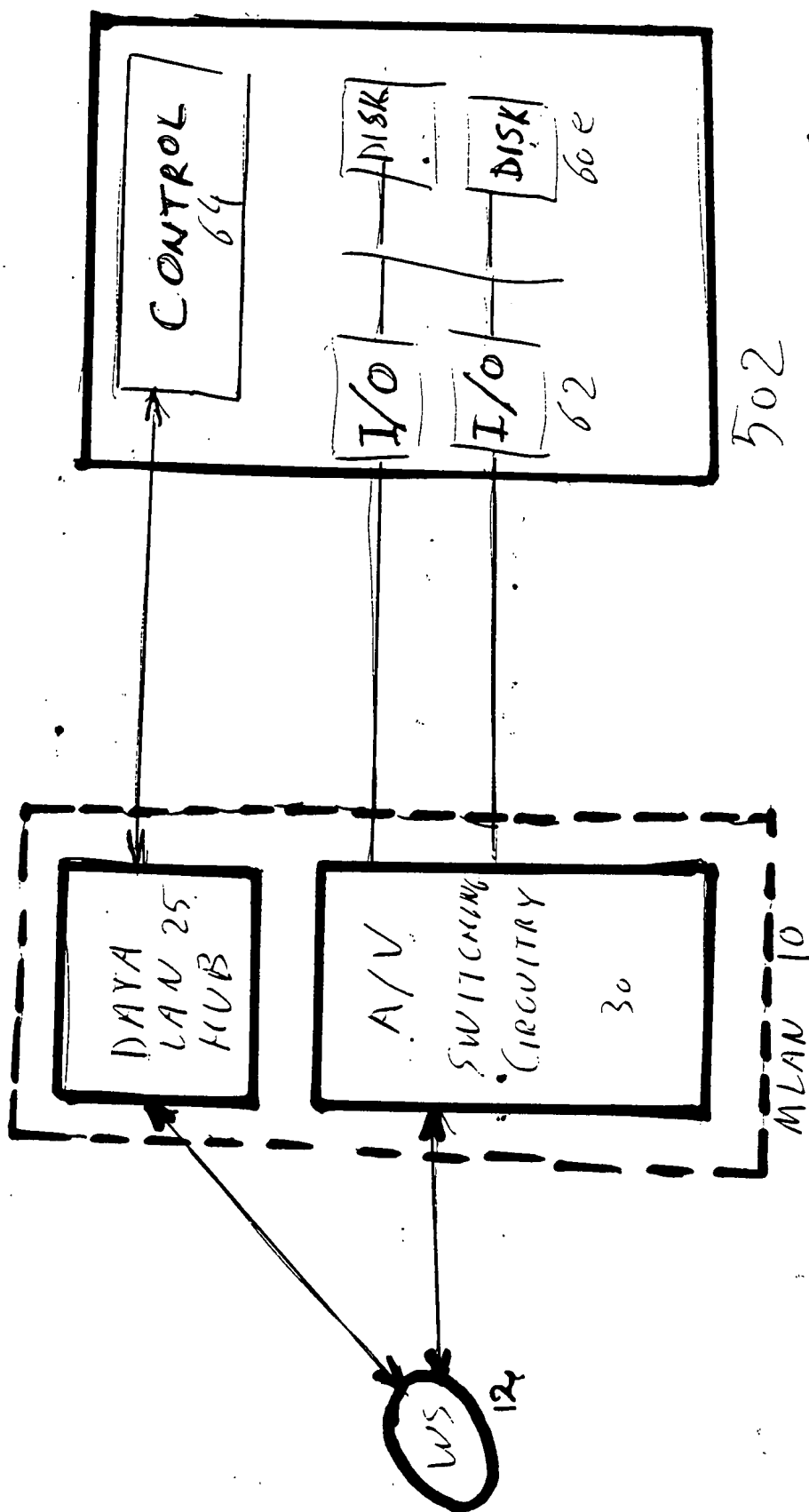


FIGURE 31A

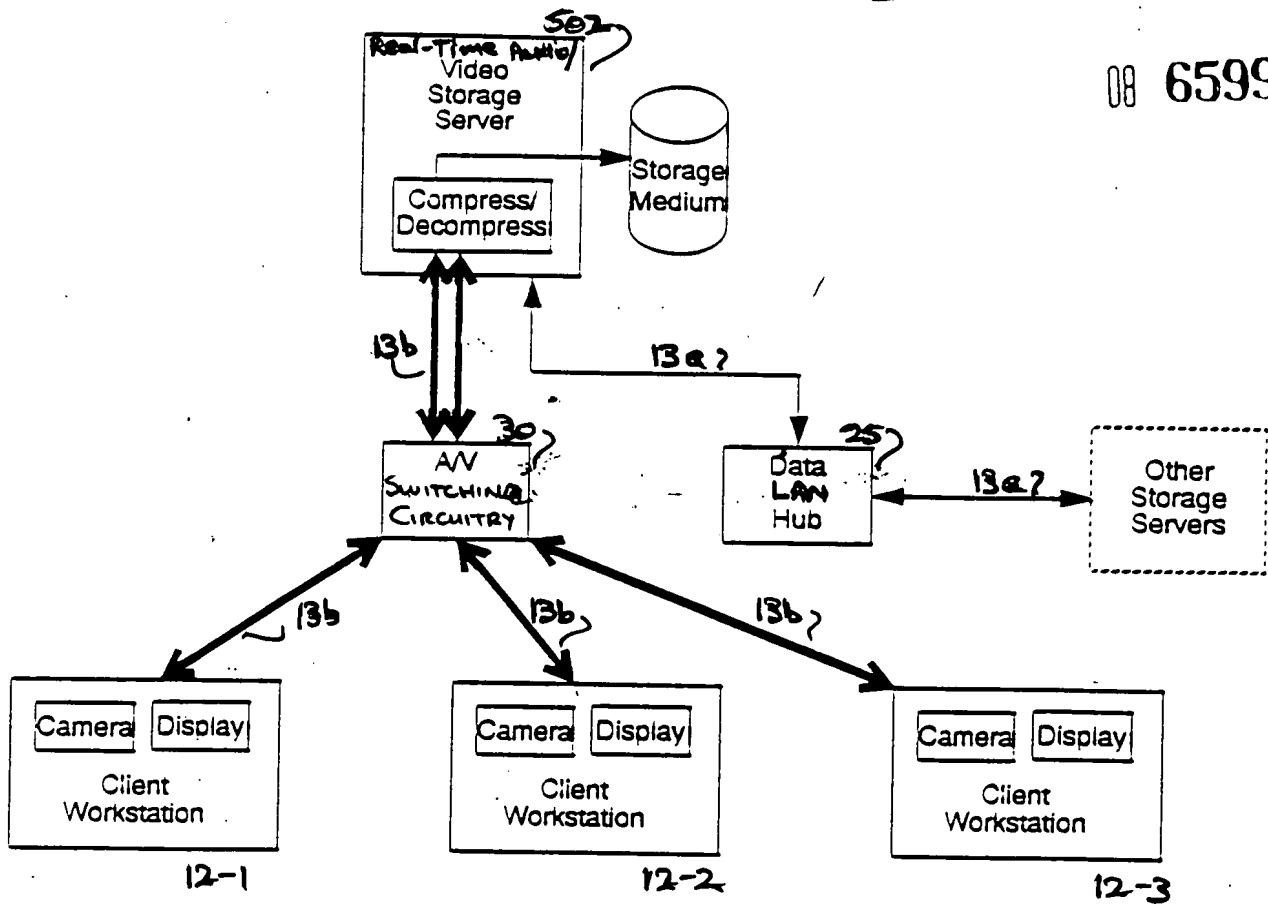


FIGURE 31B

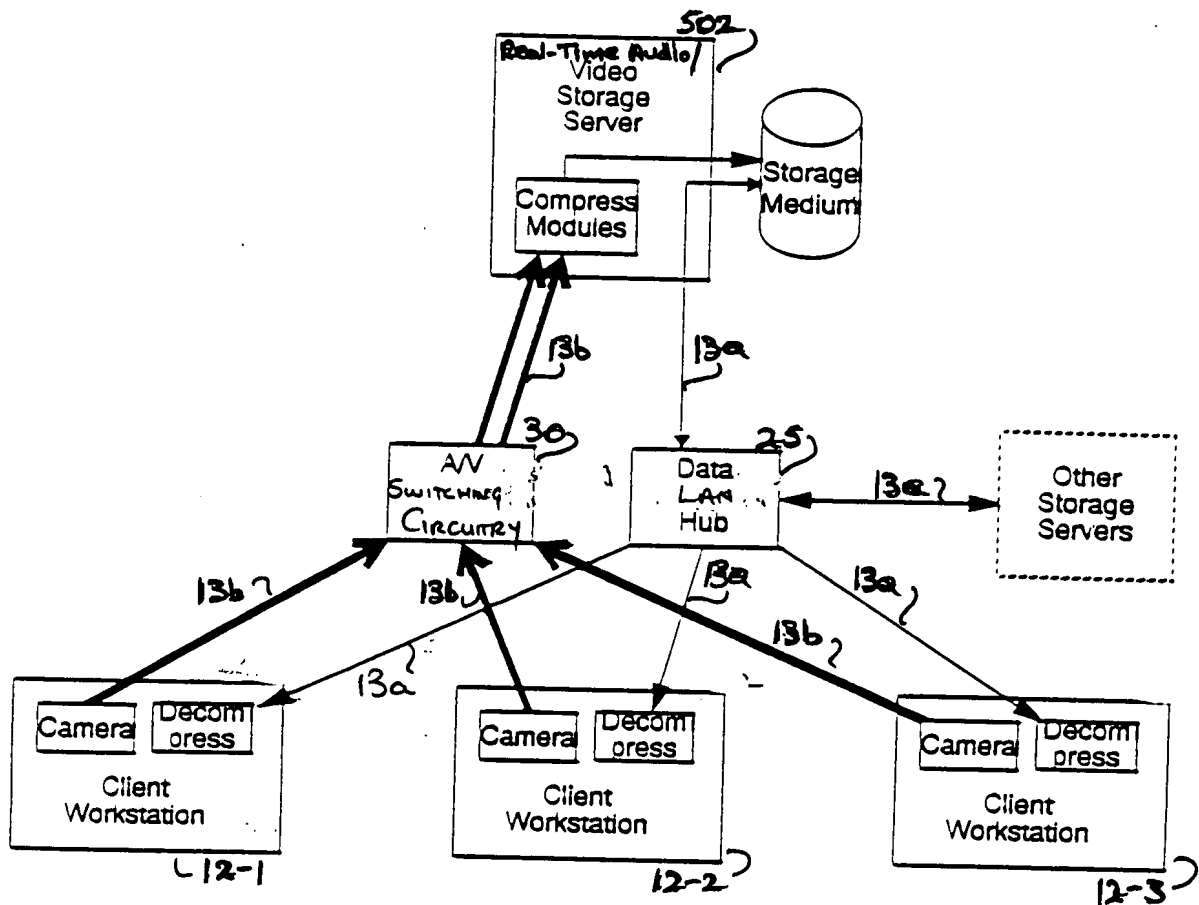


FIGURE 31C

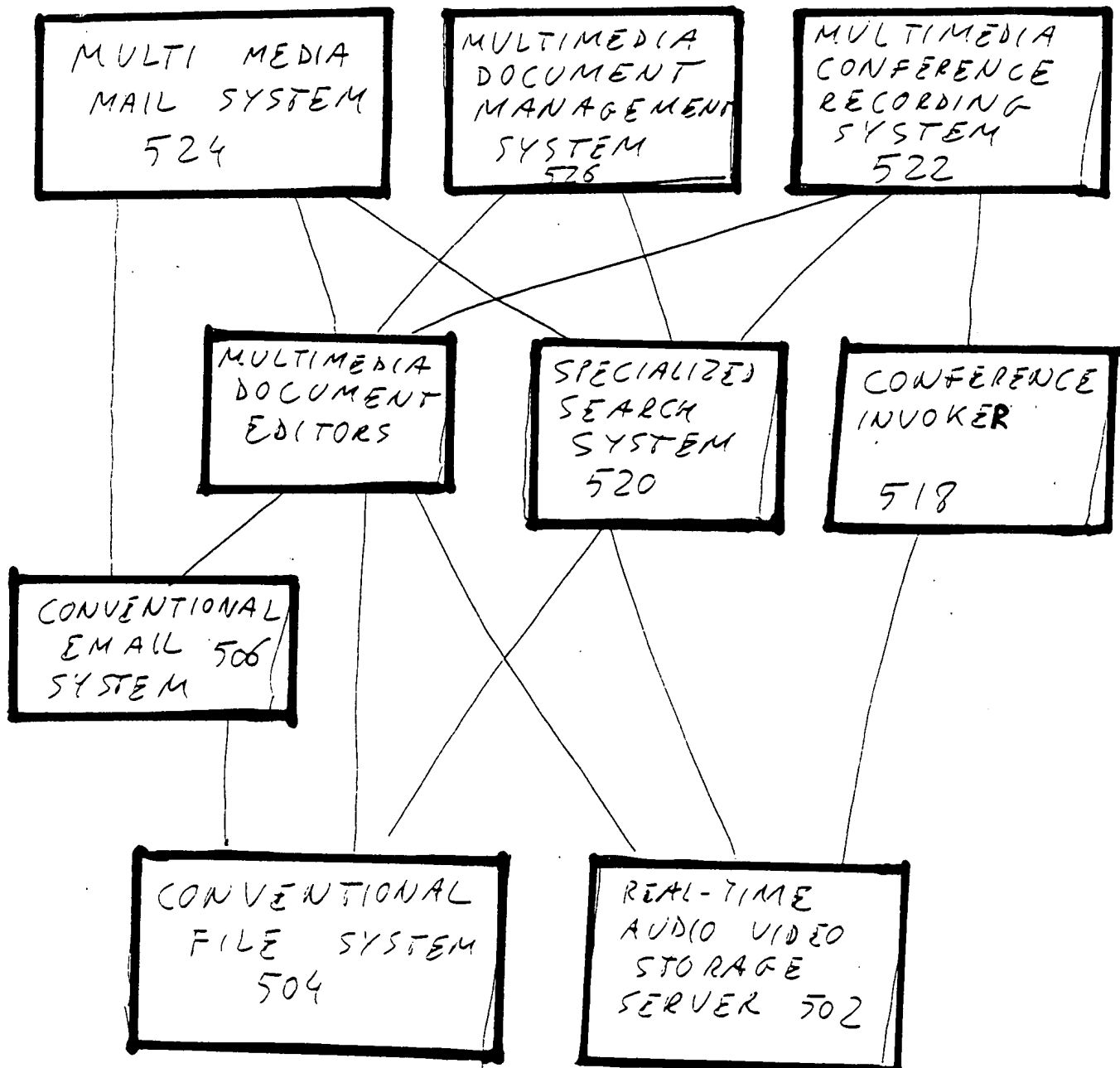


FIGURE 31D



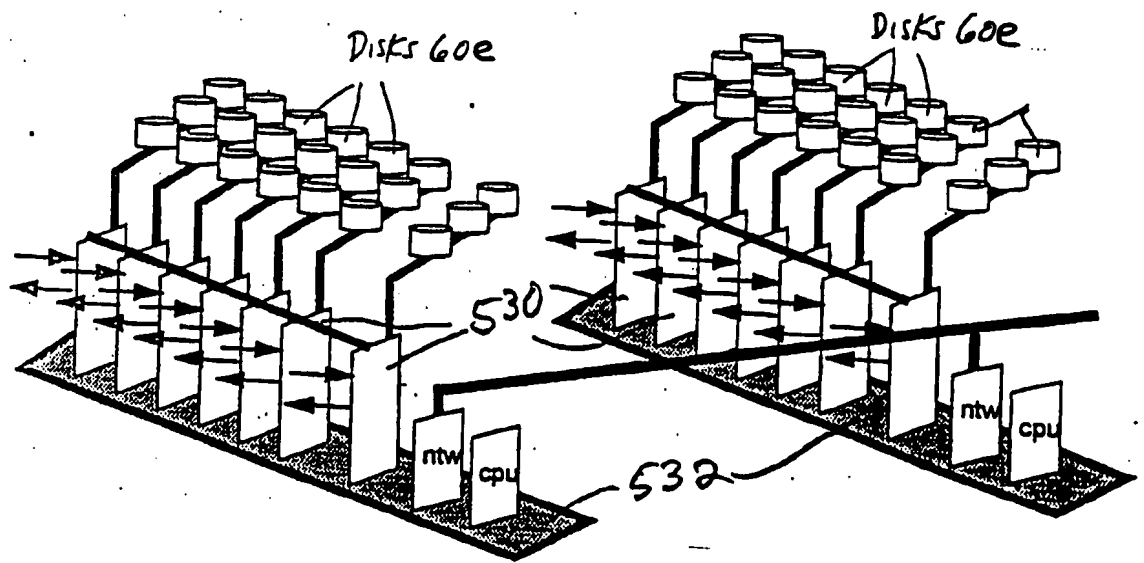


FIGURE 32

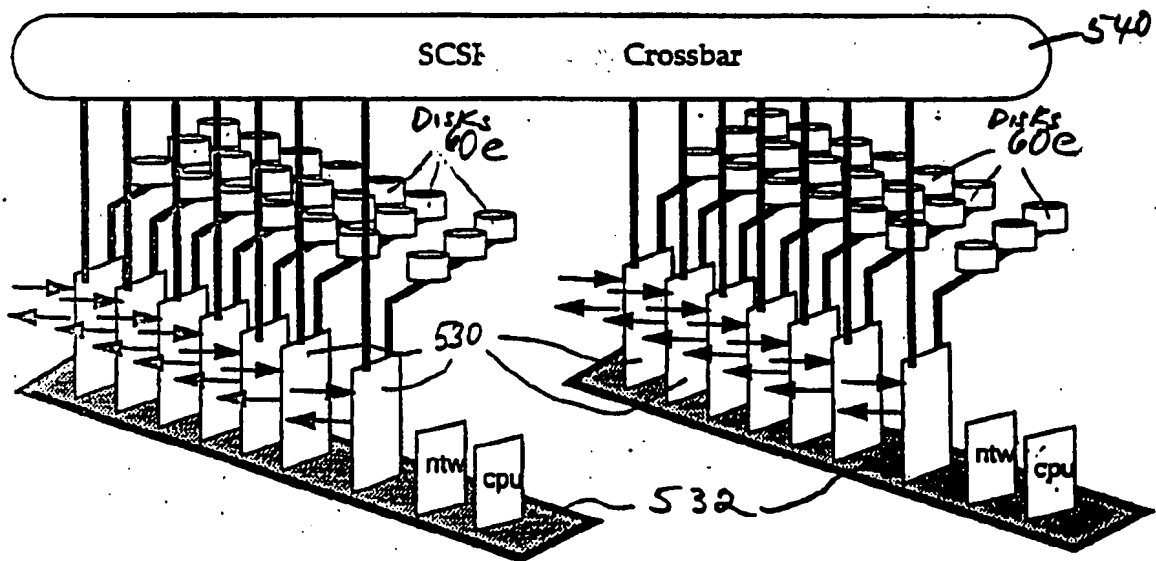


FIGURE 33

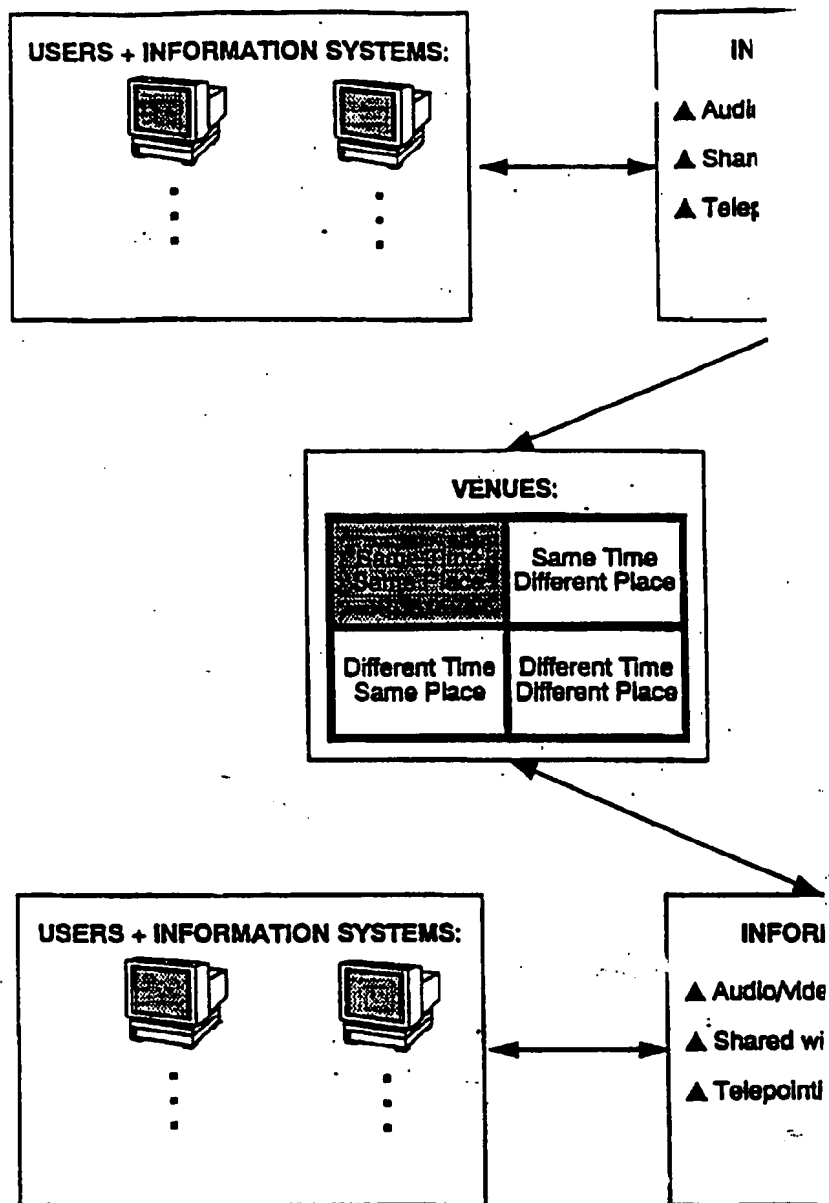


FIGURE 34

202

Tom Griner

Edit

Hangup

Mute

Leave Word

Share

Whiteboard

Record

Resume

Resume

Resume

Calls on Hold:

File

Edit

Options

Help

Collaboration Initiator

Griner

Lauwers

Lantz

Ludwig

Lake

Van Nite

Steel

Khdon

Venner

Kennedy

Call

Add

Mail

Share

Whiteboard

Messages

Telephone

200

Home

TEC

WIN92

win92

ROD

Reindex

VCR

Editor

Calculator

VideoPhone

VPHome Test

CelebrPrint

5 in/2C

px

AV

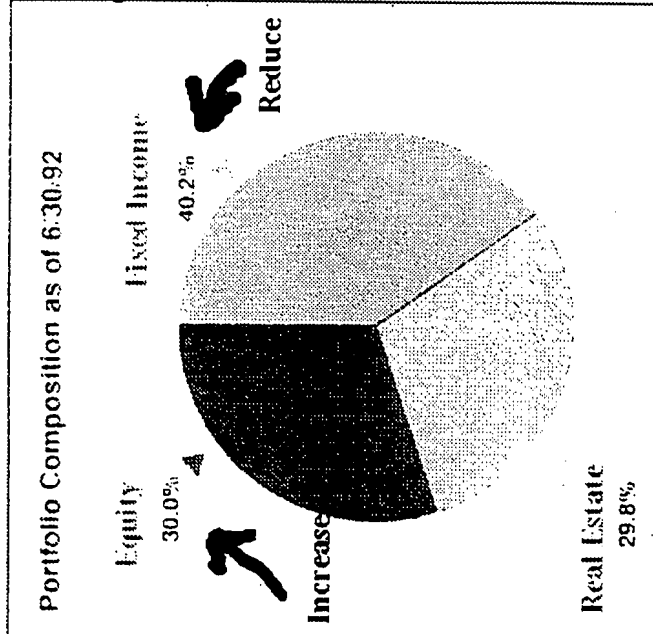
AV











AV

AV

Screen

In Box



File	Edit	Options	Help
			
Carter	Lauwers	Lanz	Lake
			
V. Nate	Steel	Knodon	Kennedy
 			
Ludwig Venner			
<div> <div>Call</div> <div>Add</div> <div>Mail</div> <div>Share</div> <div>Whiteboard</div> <div>Messages</div> <div>Telephone</div> </div>			





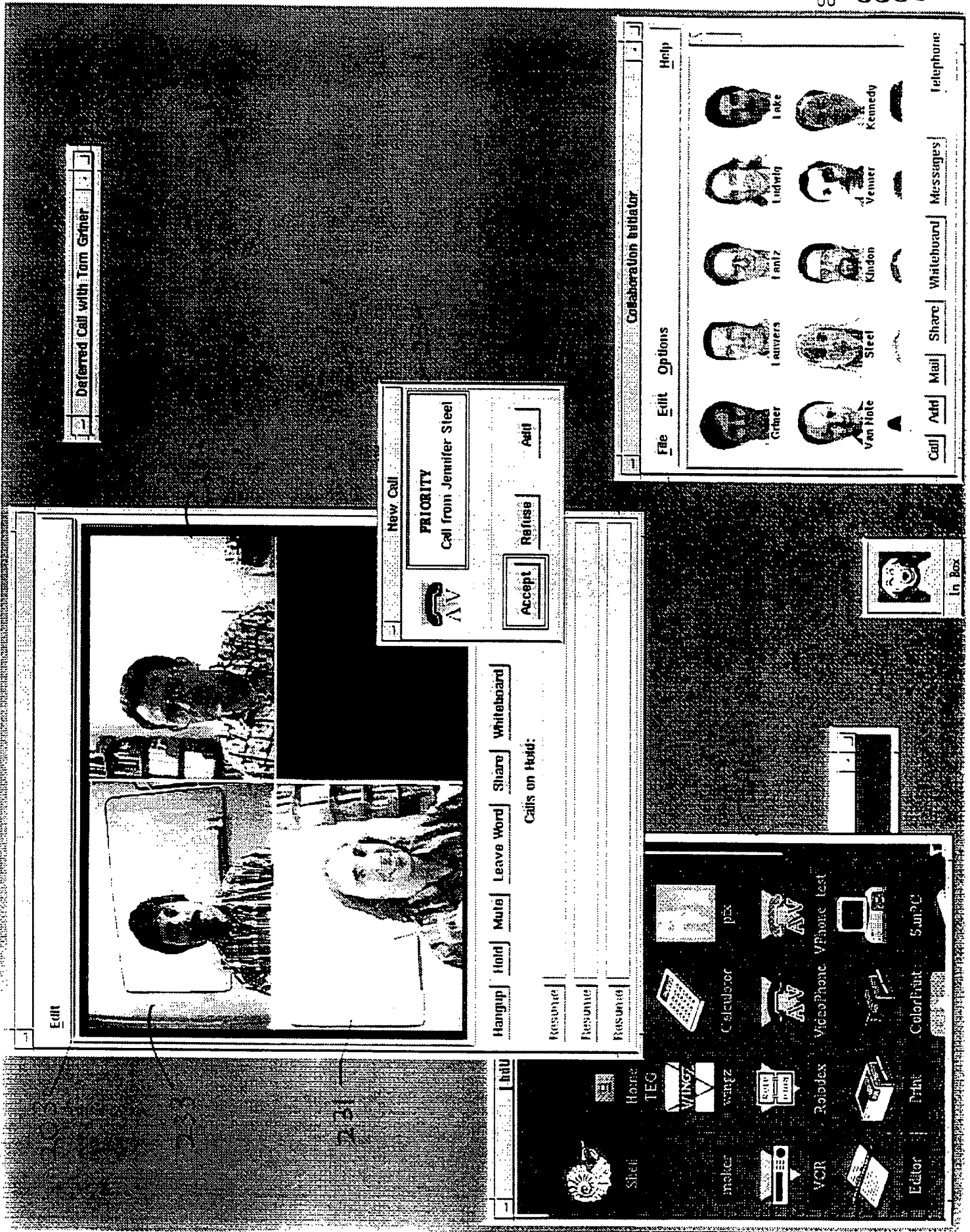


FIGURE 38

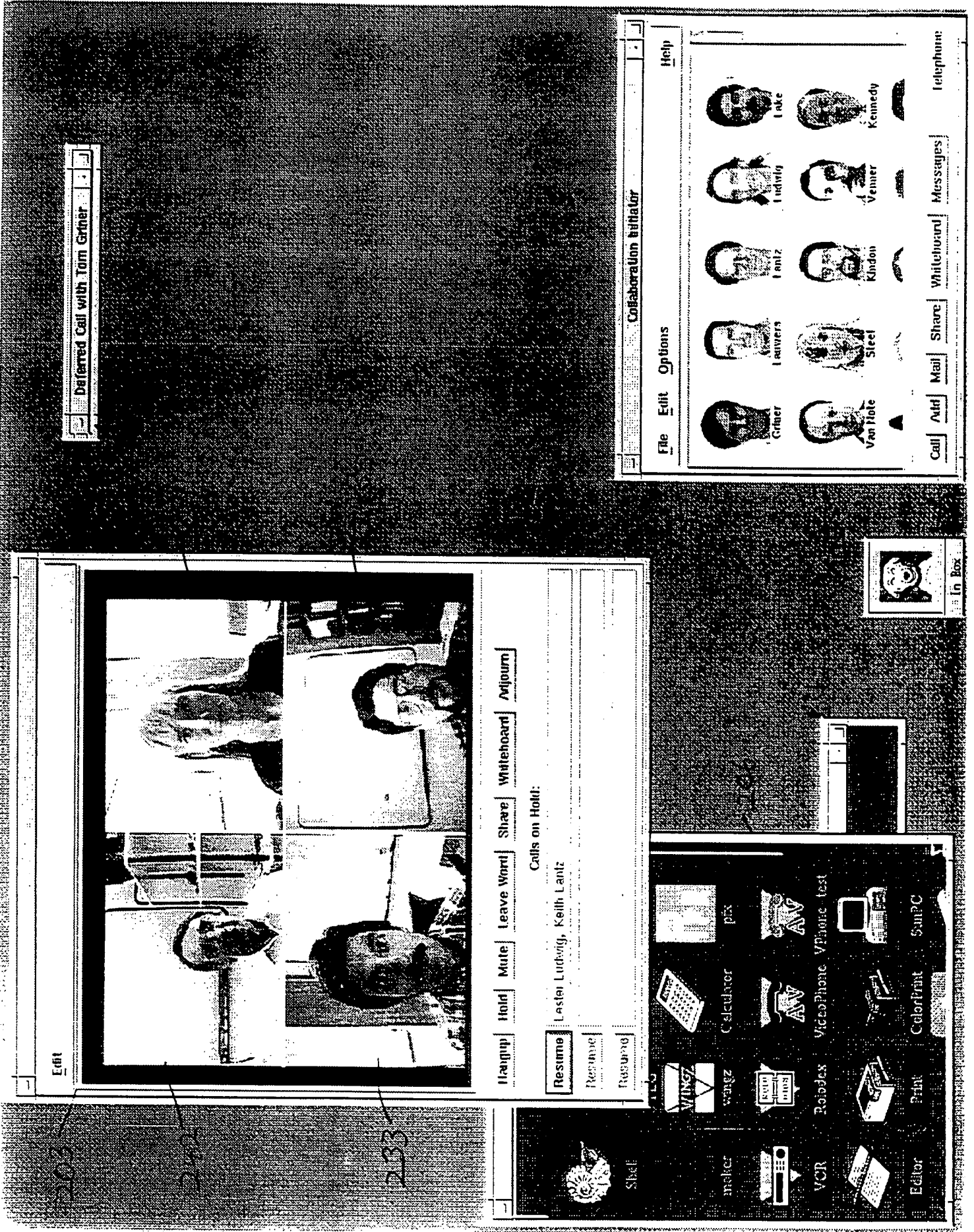


FIGURE 39





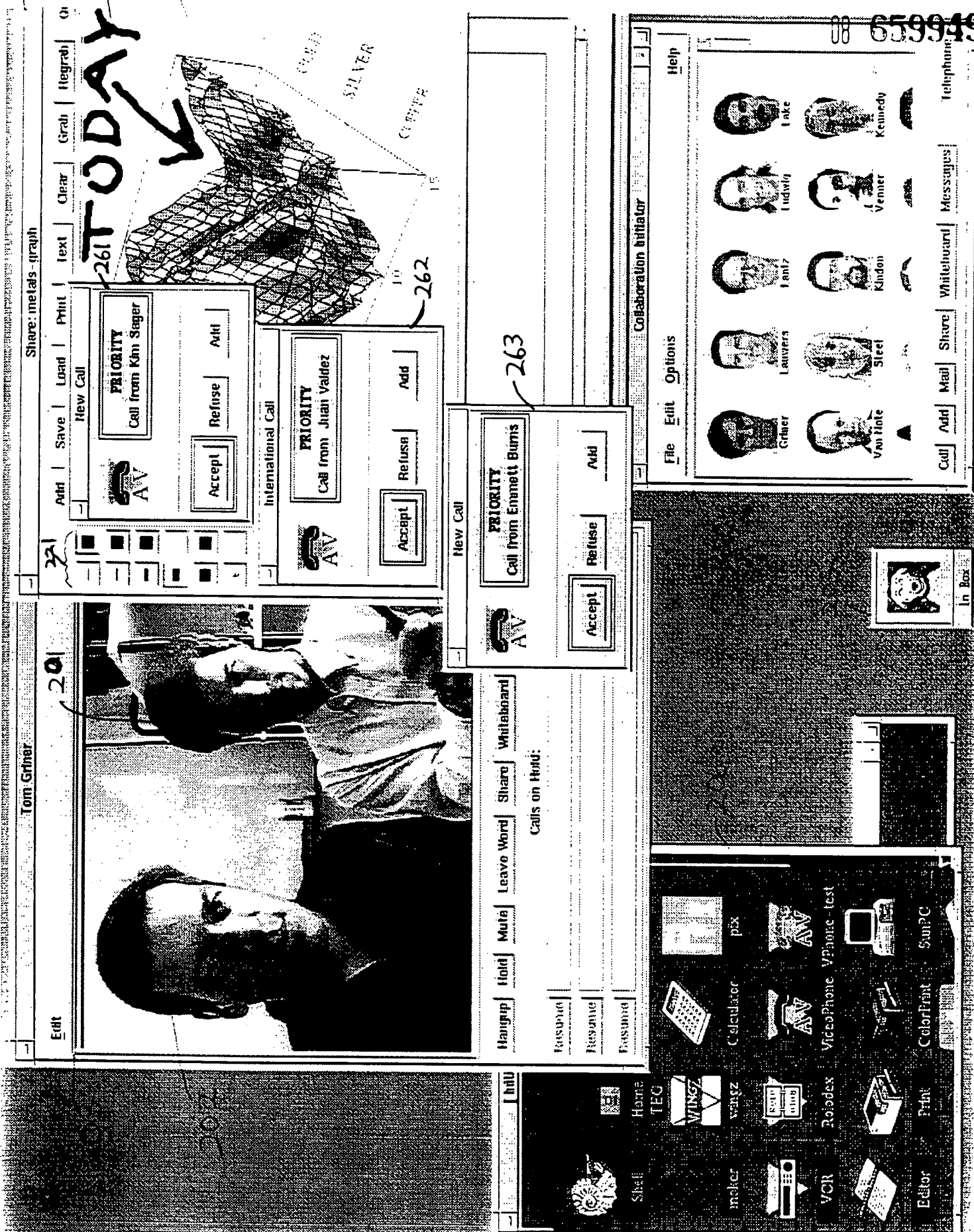


FIGURE A1

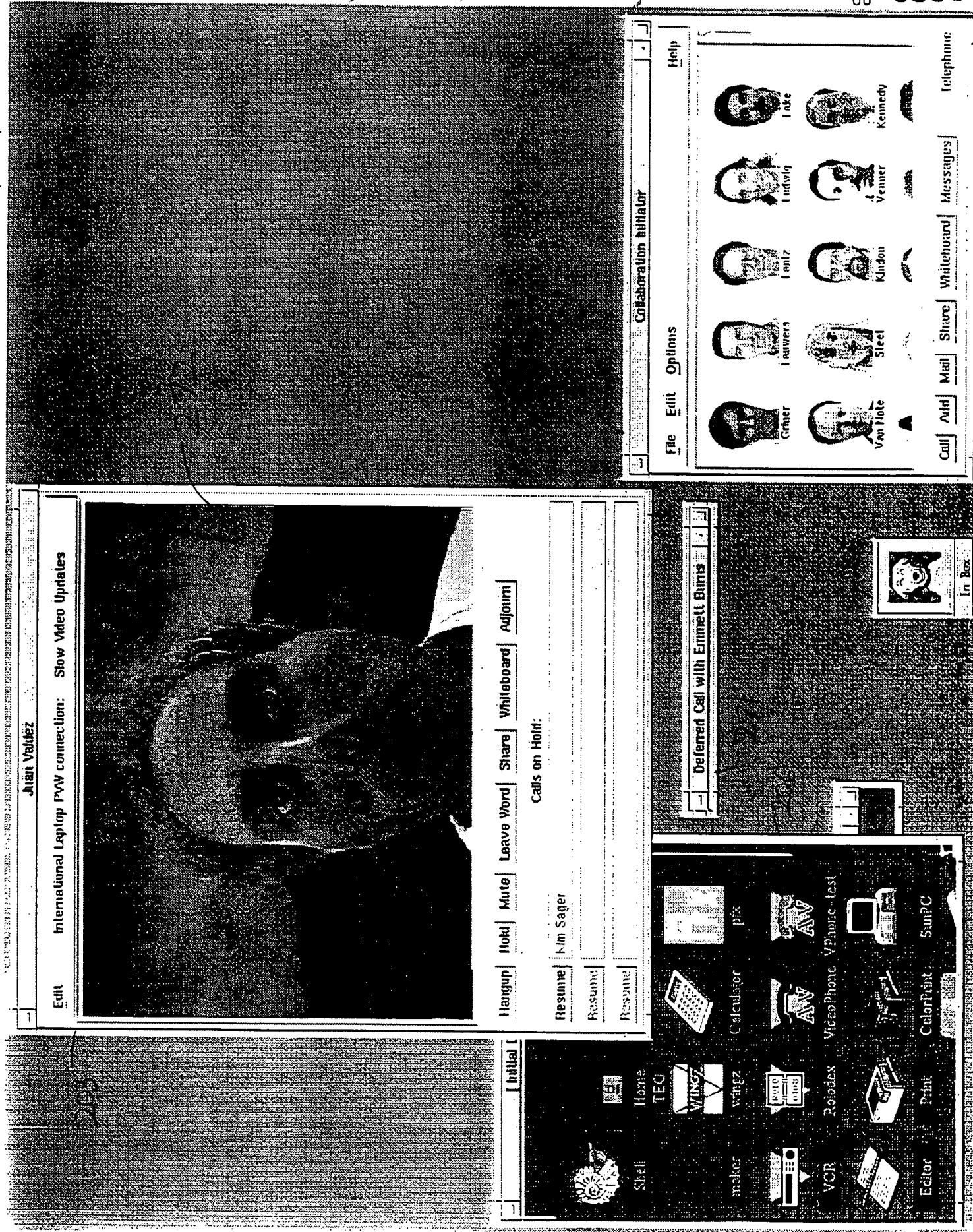


FIGURE 42